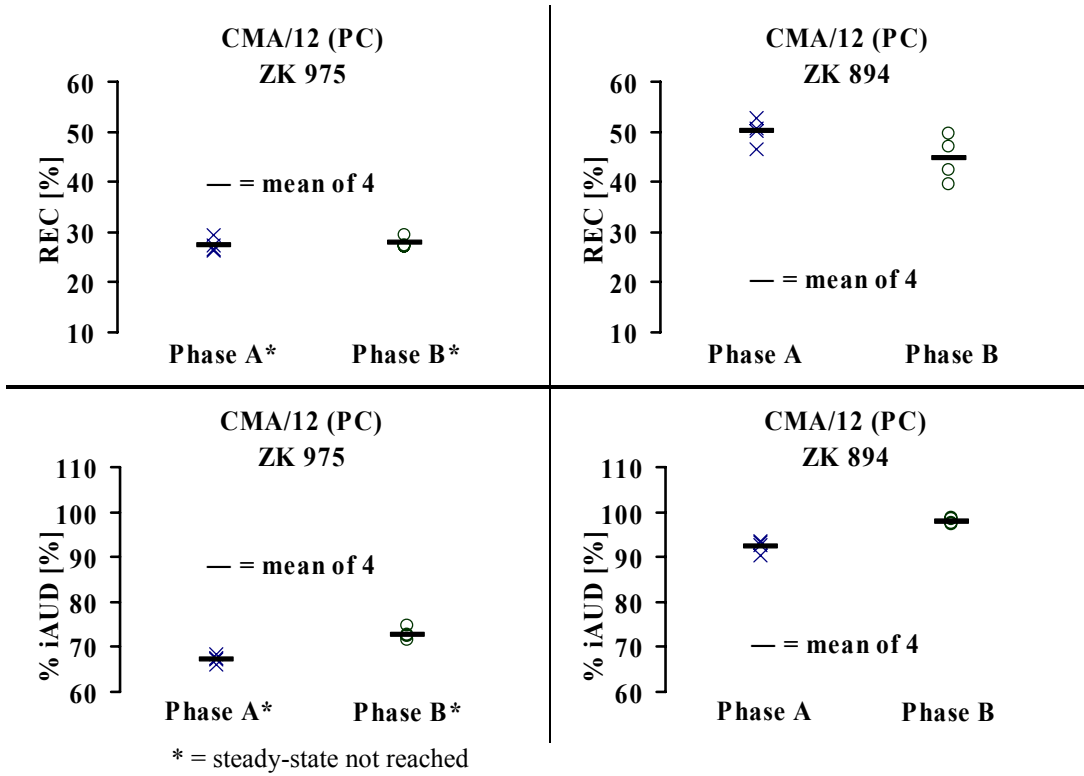


Appendix I (Graphs)

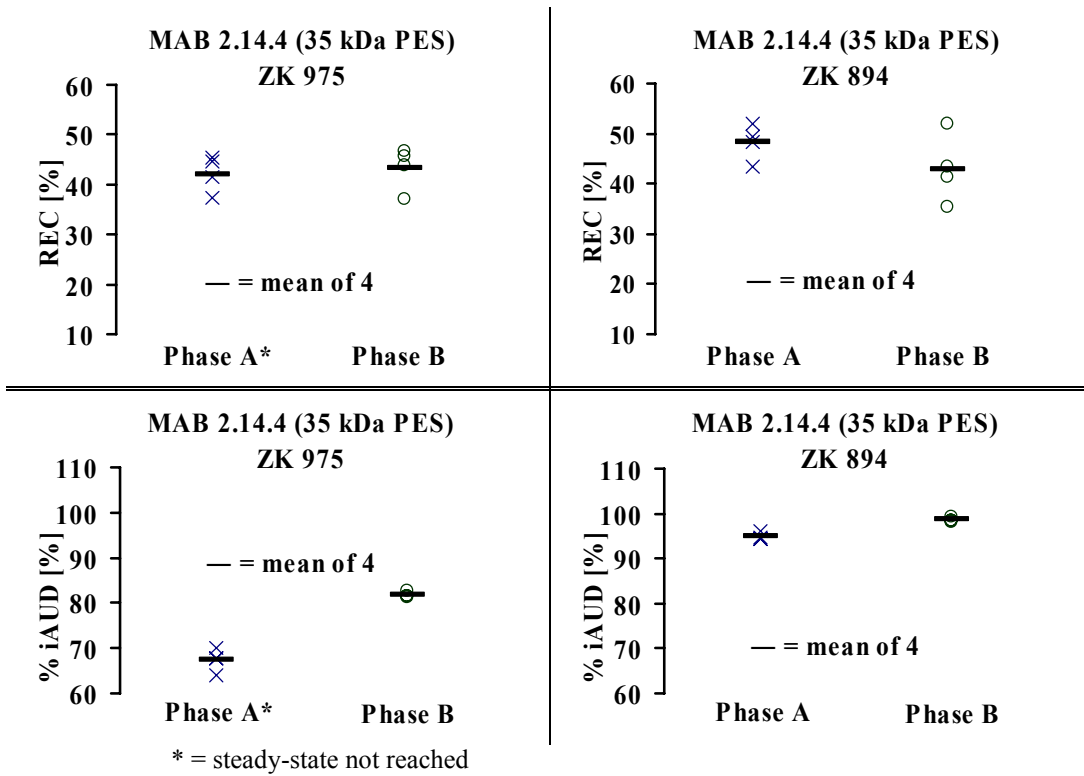
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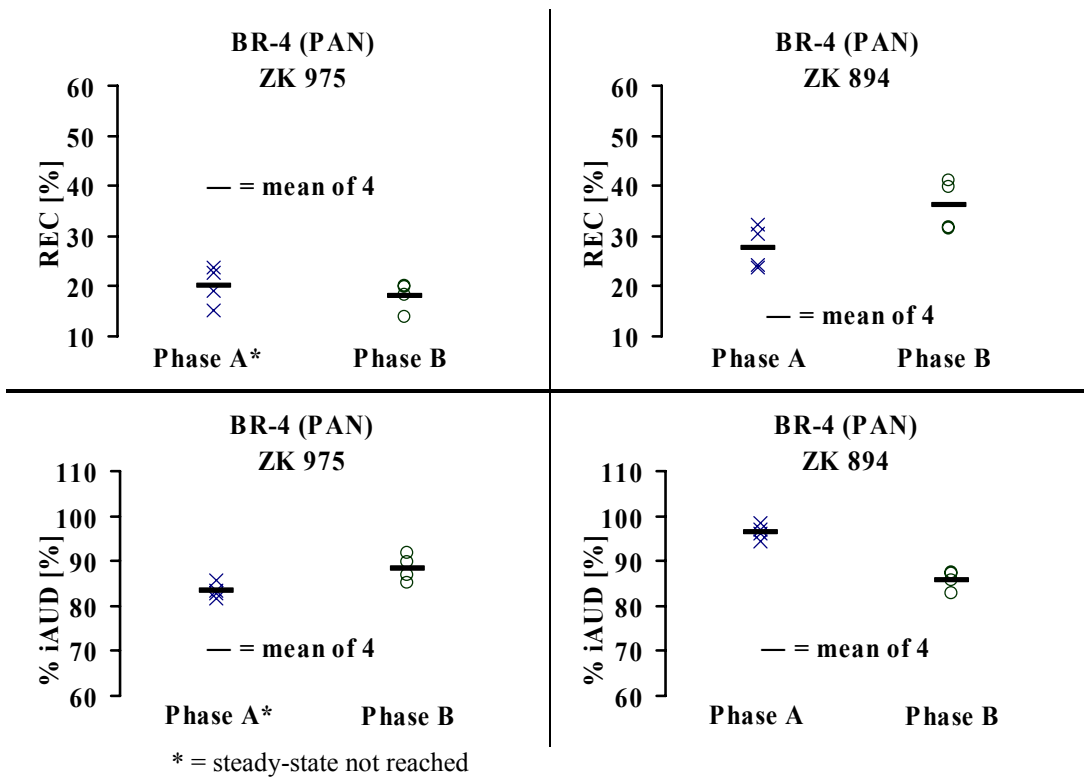
F 1: Individual (× or ○) and mean (—) REC and %iAUD at Phase A and Phase B for CMA/12 (PC) probe with ZK 975 and ZK 894



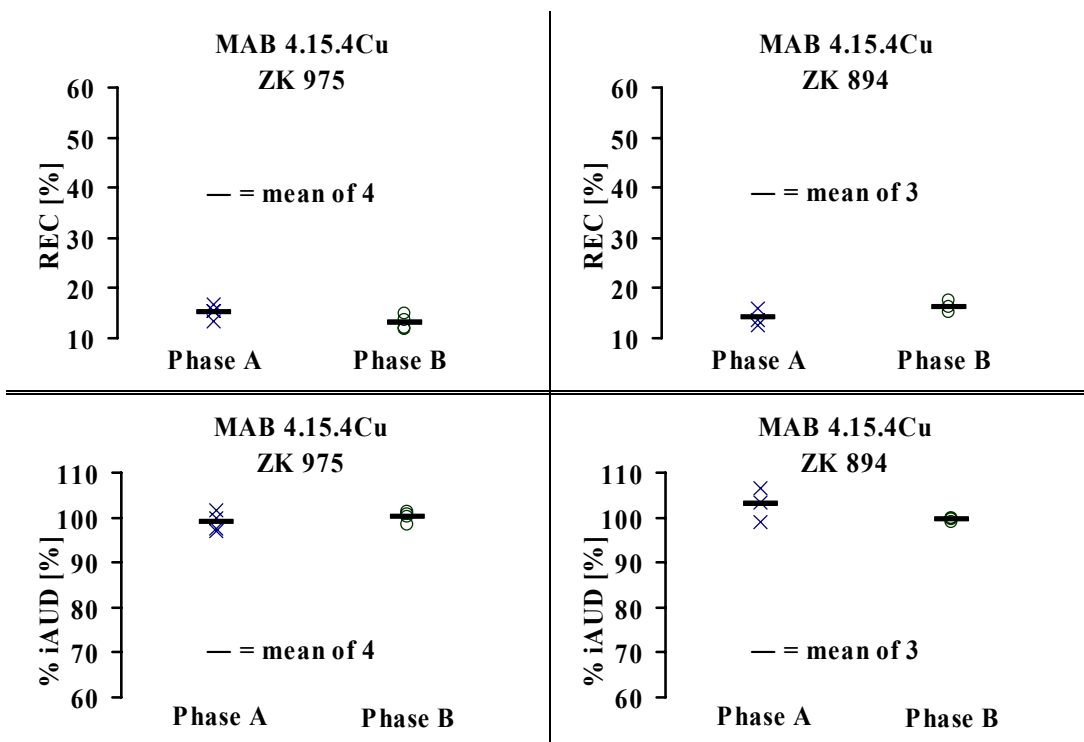
F 2: Individual (× or ○) and mean (—) REC and %iAUD at Phase A and Phase B for MAB 2.14.4 probe with ZK 975 and ZK 894



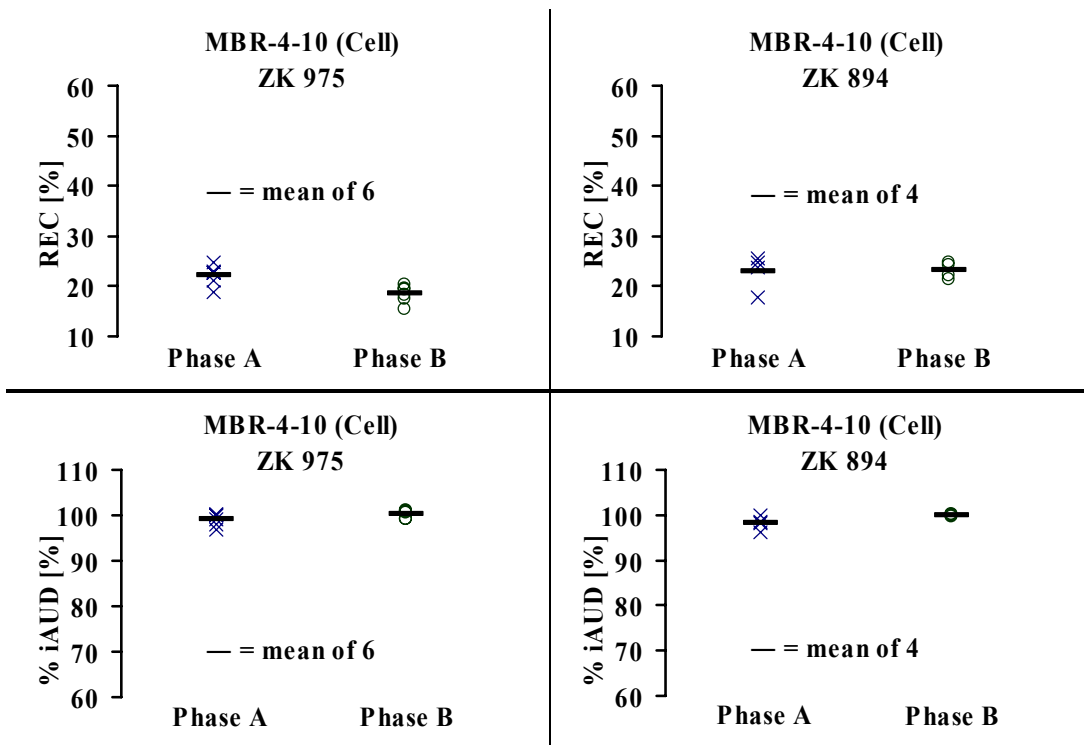
F 3: Individual (× or ○) and mean (—) REC and %iAUD at Phase A and Phase B for BR-4 probe with ZK 975 and ZK 894



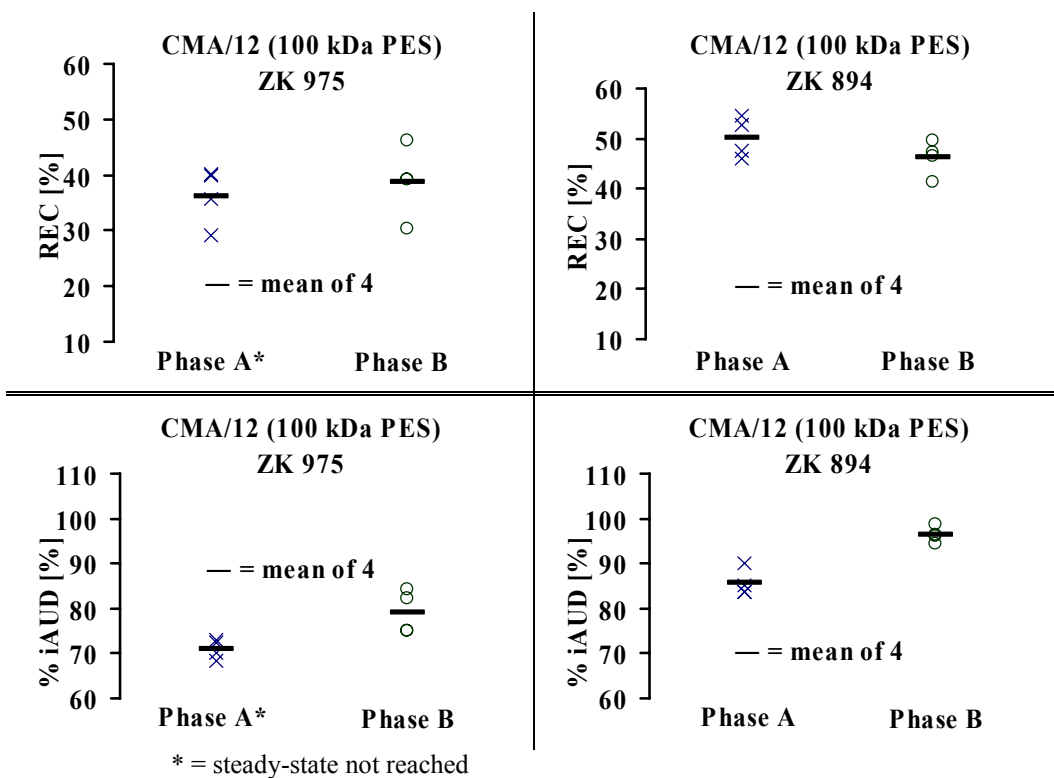
F 4: Individual (× or ○) and mean (—) REC and %iAUD at Phase A and Phase B for MAB 4.15.4.Cu probe with ZK 975 and ZK 894



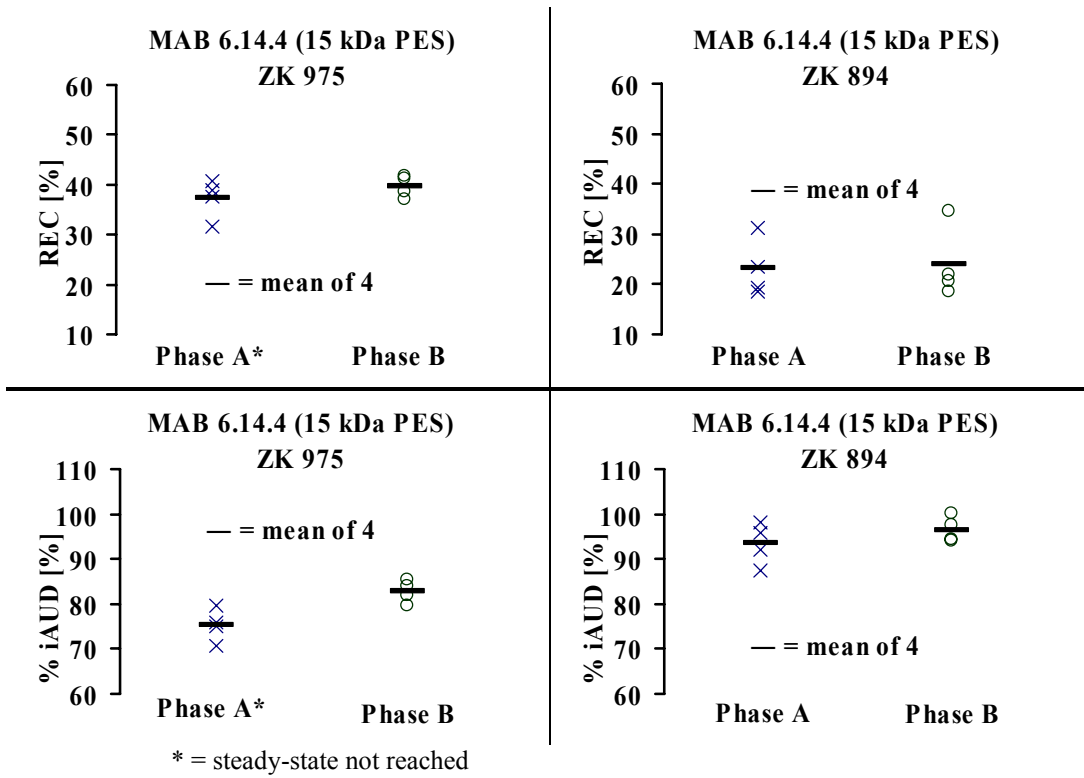
F 5: Individual (× or ○) and mean (—) REC and %iAUD at Phase A and Phase B for MBR-4-10 probe with ZK 975 and ZK 894



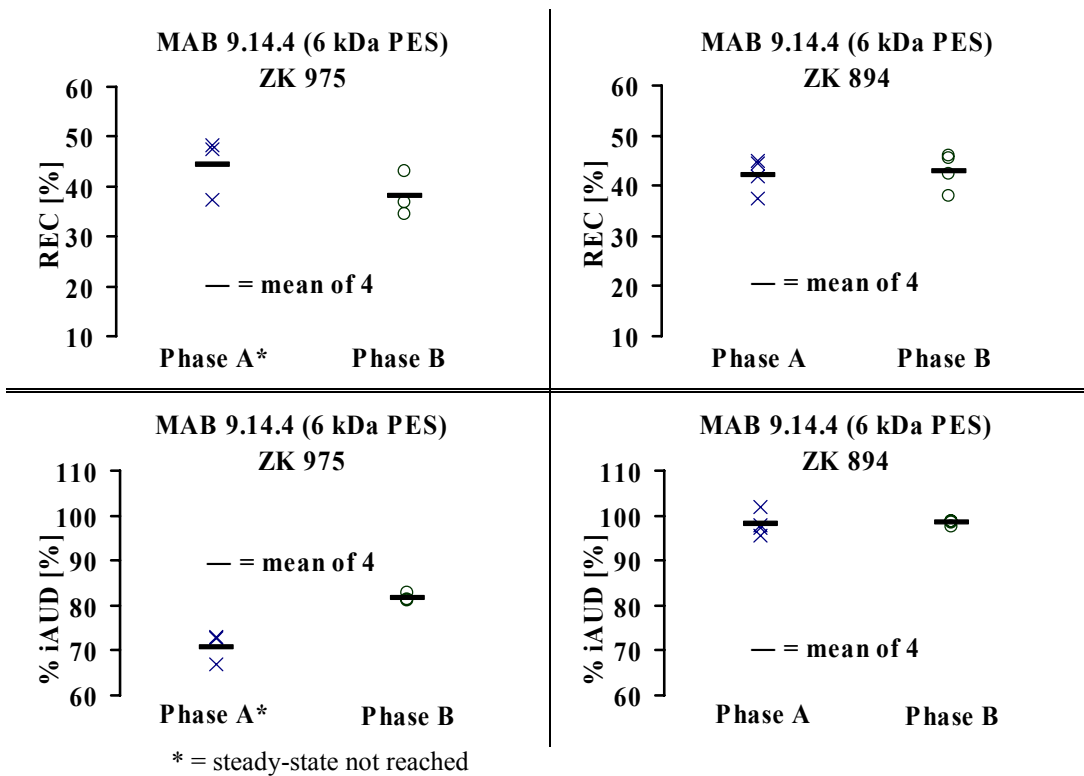
F 6: Individual (× or ○) and mean (—) REC and %iAUD at Phase A and Phase B for CMA/12 (PES) probe with ZK 975 and ZK 894



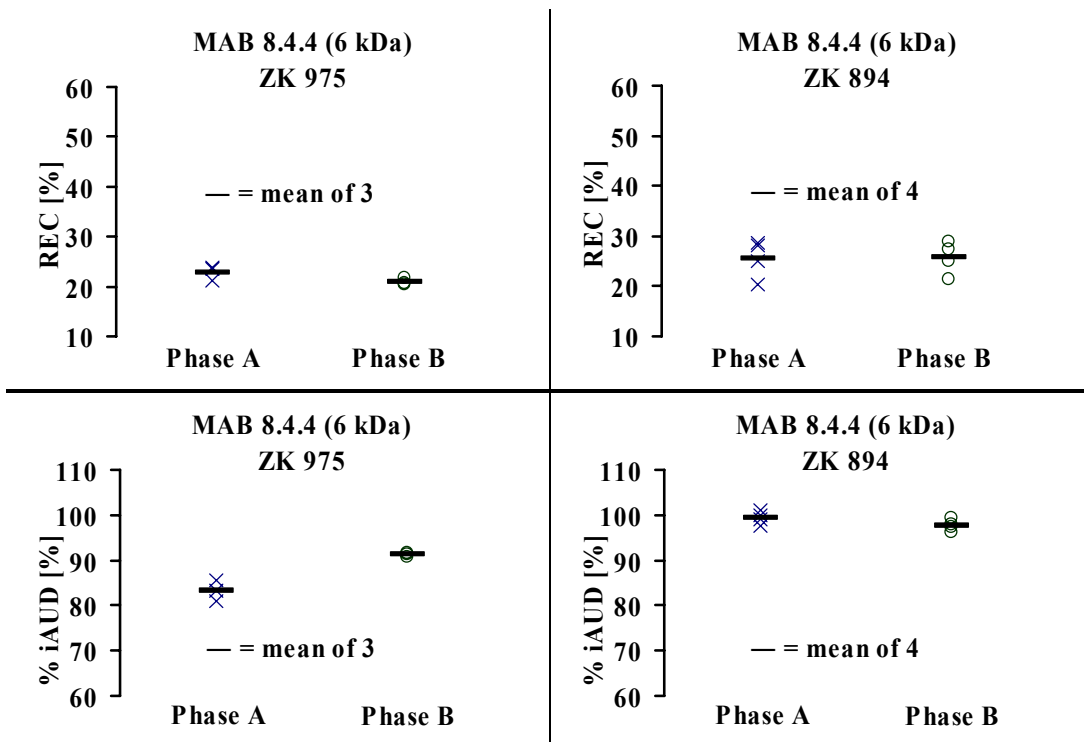
F 7: Individual (× or ○) and mean (—) REC and %iAUD at Phase A and Phase B for MAB 6.14.4 probe with ZK 975 and ZK 894



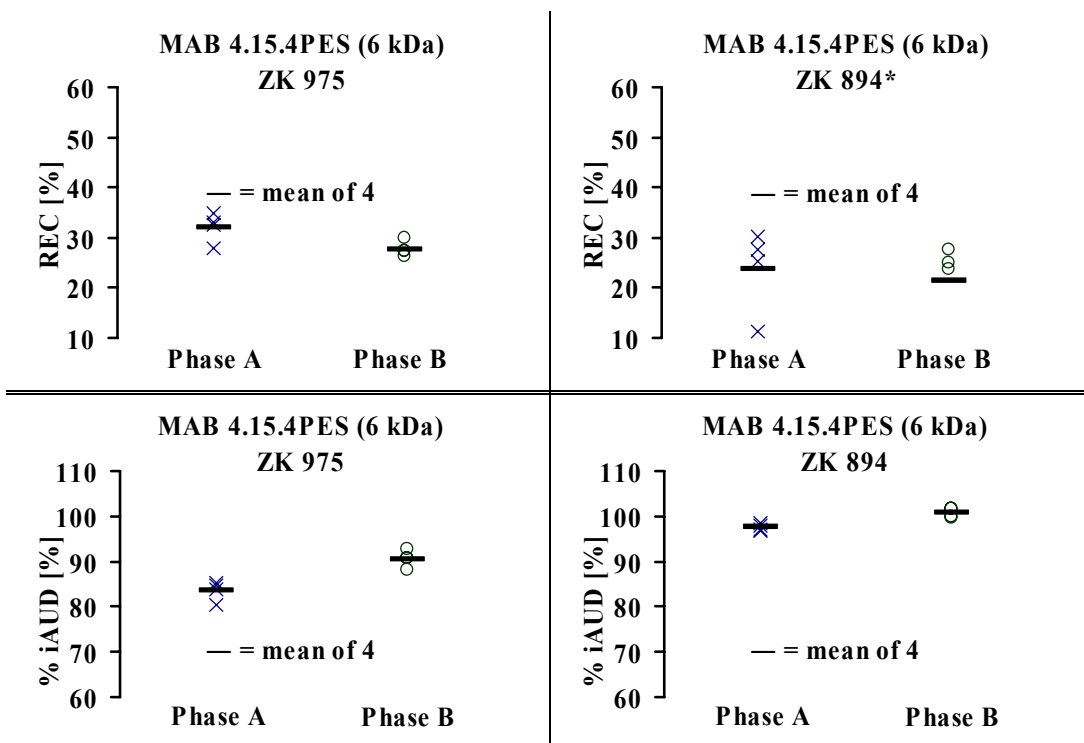
F 8: Individual (× or ○) and mean (—) REC and %iAUD at Phase A and Phase B for MAB 9.14.4 probe with ZK 975 and ZK 894



F 9: Individual (\times or \circ) and mean (—) REC and %iAUD at Phase A and Phase B for MAB 8.4.4 probe with ZK 975 and ZK 894

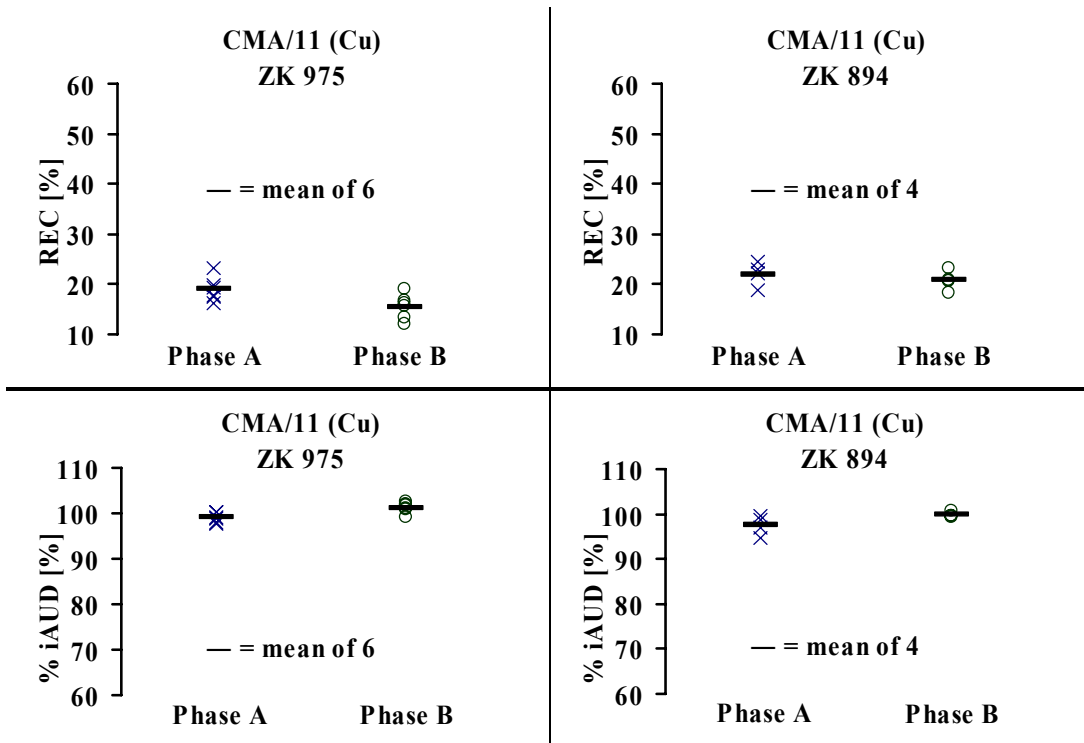


F 10: Individual (\times or \circ) and mean (—) REC and %iAUD at Phase A and Phase B for MAB 4.15.4PES probe with ZK 975 and ZK 894

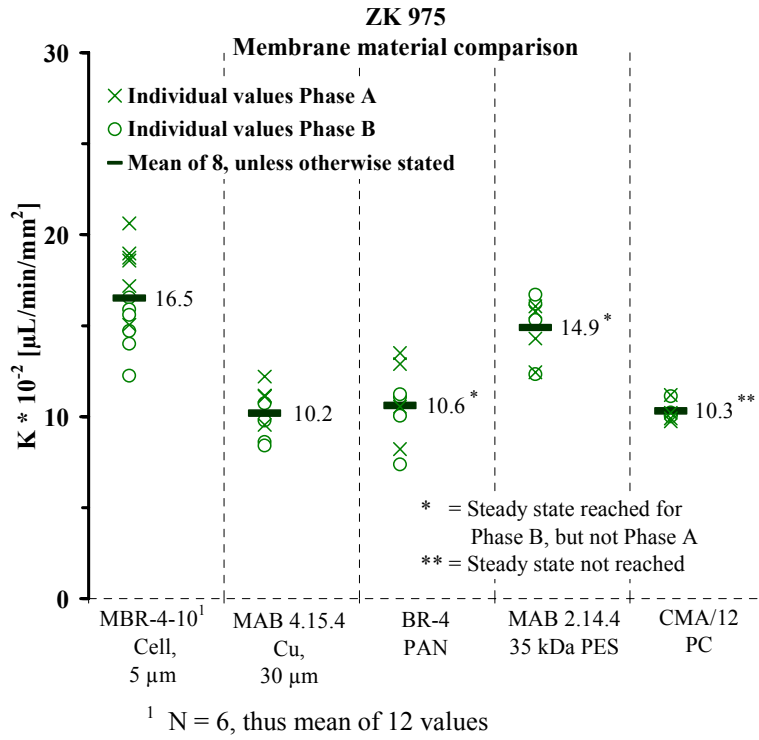


*ZK 894: one probe has a REC_A of only 11% and a REC_B of only 9.5% (off scale)

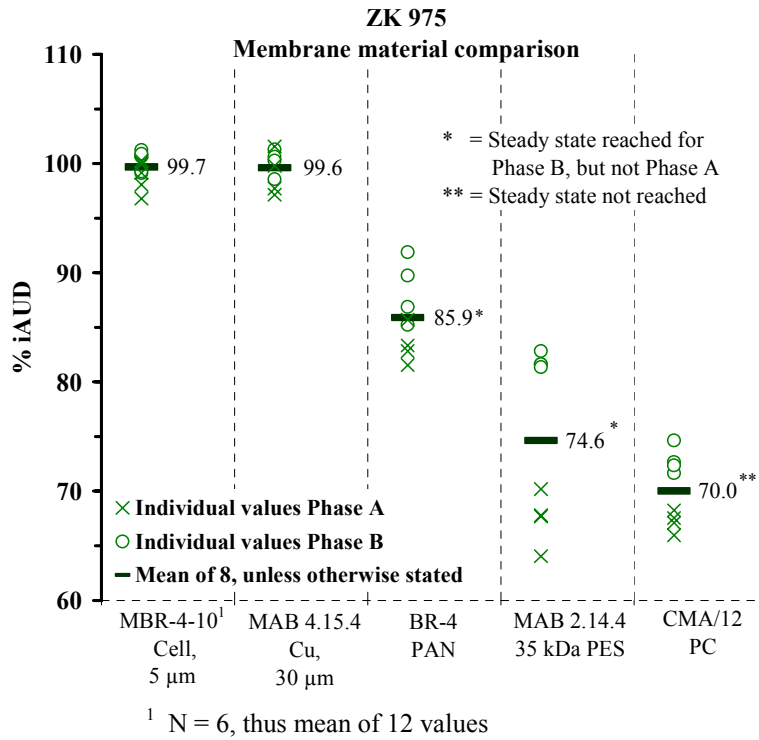
F 11: Individual (× or ○) and mean (—) REC and %iAUD at Phase A and Phase B for CMA/11 probe with ZK 975 and ZK 894



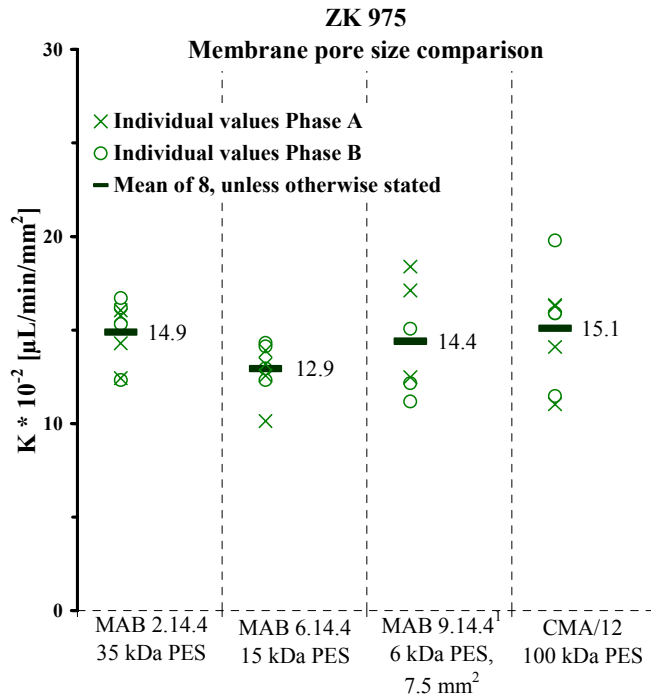
F 12: Overall K of different membrane materials tested with ZK 975



F 13: Overall %iAUD of different membrane materials tested with ZK 975

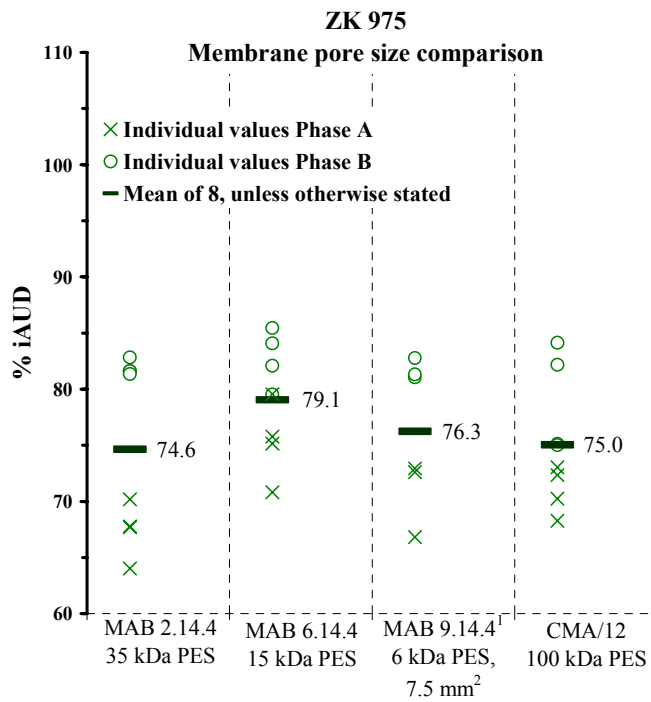


F 14: Overall K of membranes with different pore sizes (PES-membranes) tested with ZK 975



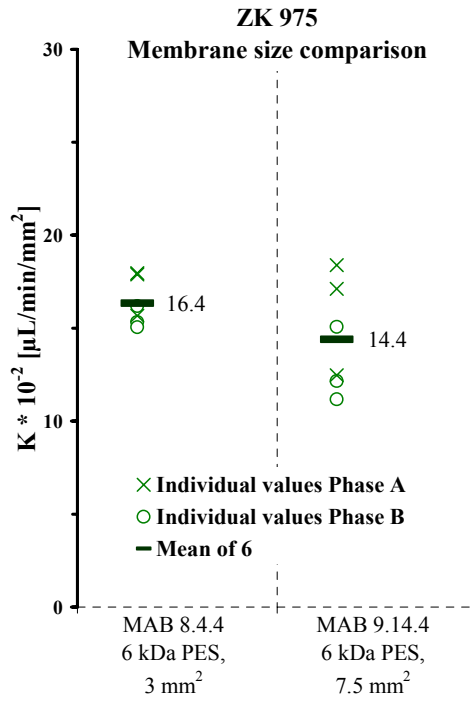
¹ N = 6, thus mean of 12 values

F 15: Overall %iAUD of membranes with different pore sizes (PES-membranes) tested with ZK 975

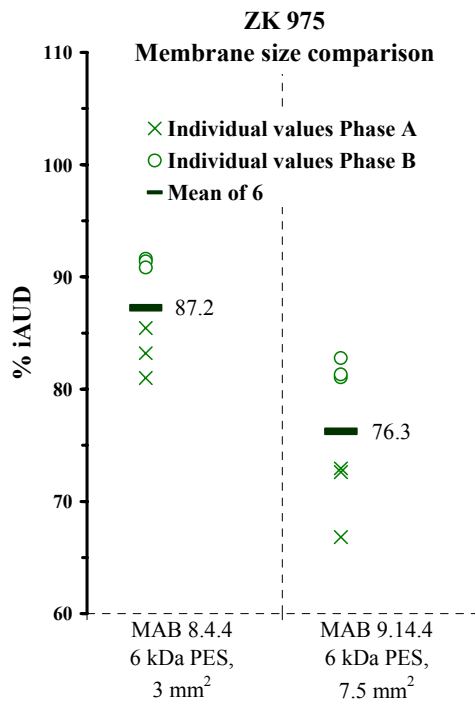


¹ N = 6, thus mean of 12 values

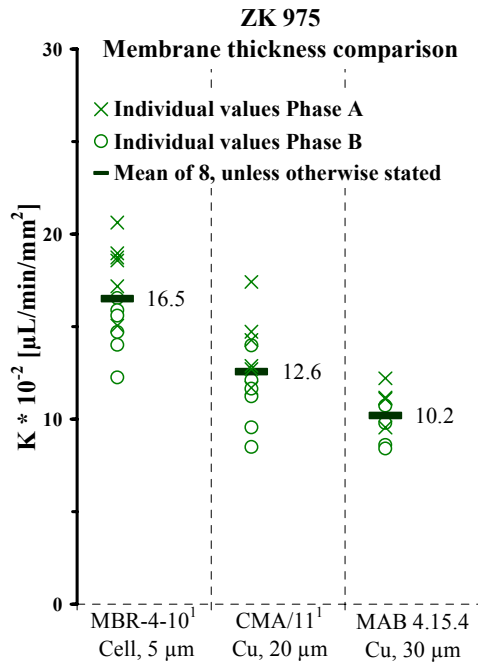
F 16: Overall K of different membrane surface areas (6 kDa PES-membranes) tested with ZK 975



F 17: Overall %iAUD of different membrane surface areas (6 kDa PES-membranes) tested with ZK 975

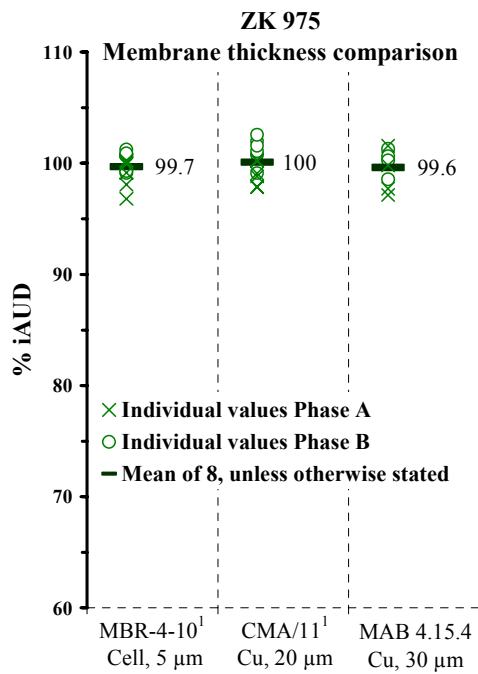


F 18: Overall K of different membrane thicknesses (cellulose based membranes) tested with ZK 975



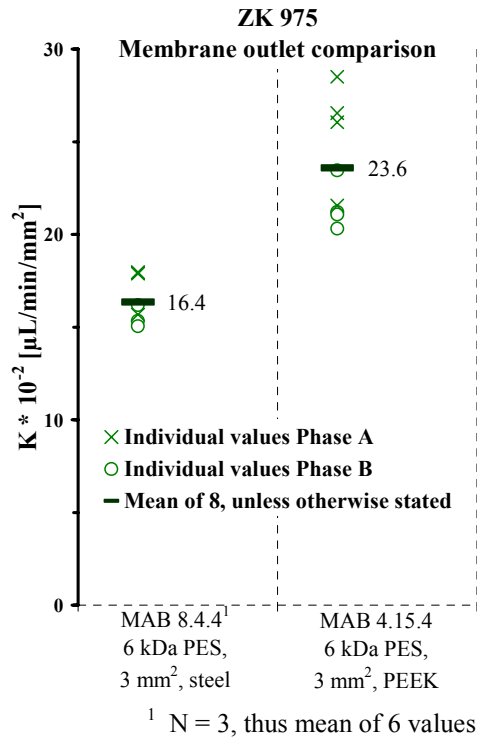
¹ N = 6, thus mean of 12 values

F 19: Overall %iAUD of different membrane thicknesses (cellulose based membranes) tested with ZK 975

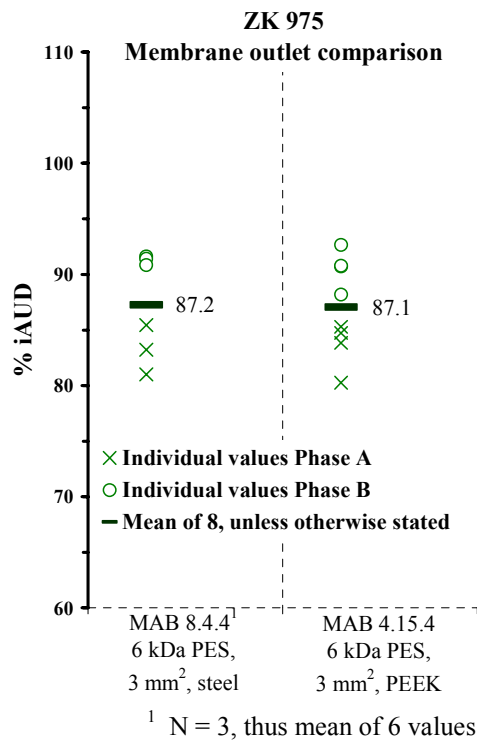


¹ N = 6, thus mean of 12 values

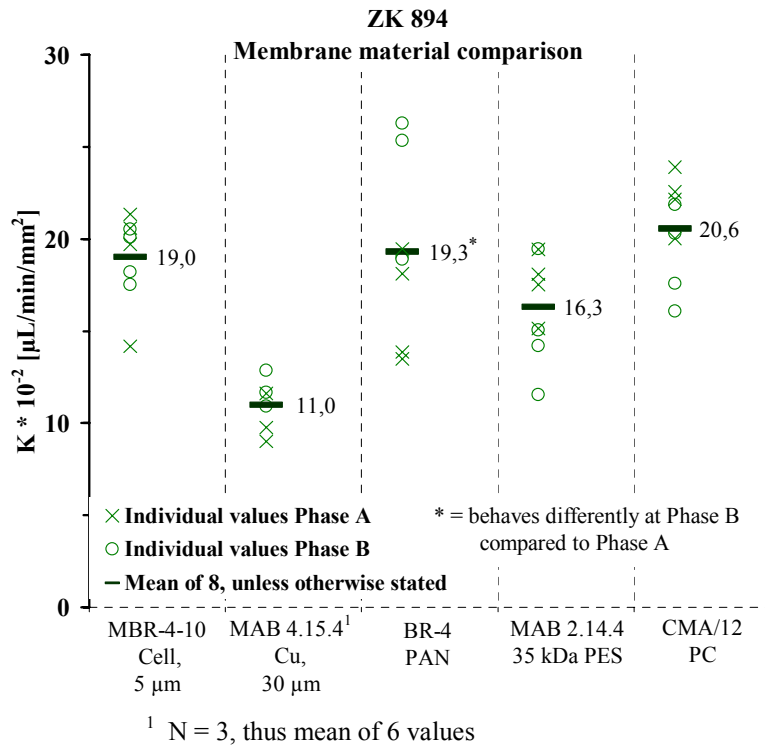
F 20: Overall K of probes with different outlet materials (3 mm² 6 kDa PES-membranes) tested with ZK 975



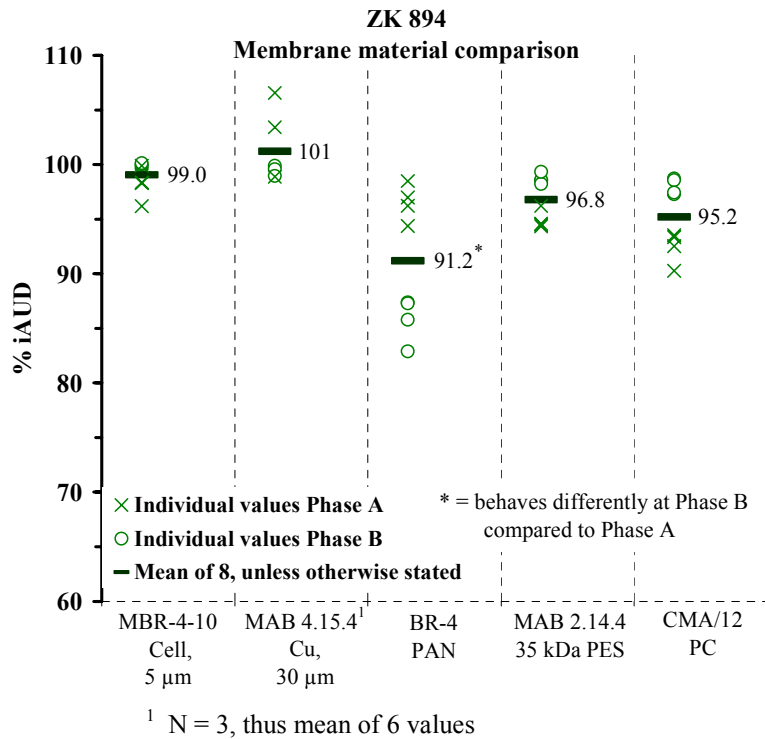
F 21: Overall %iAUD of probes with different outlet materials (3 mm² 6 kDa PES-membranes) tested with ZK 975



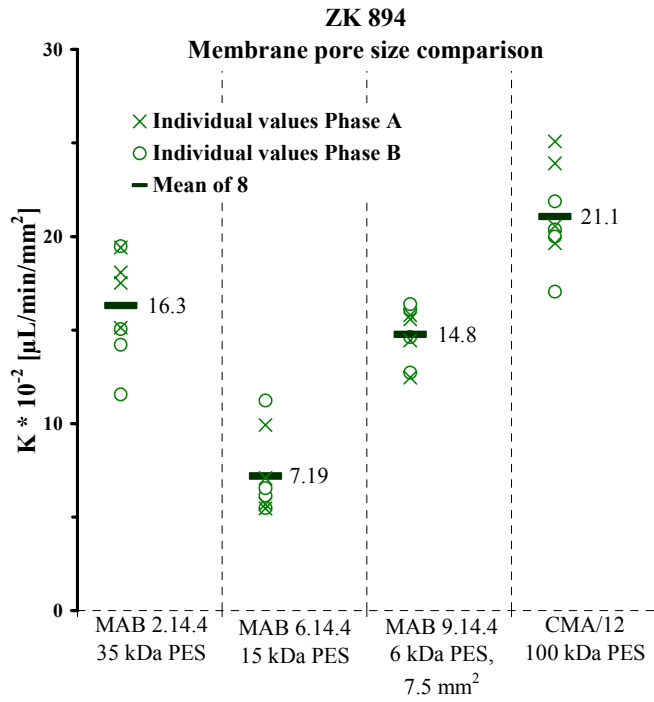
F 22: Overall K of different membrane materials tested with ZK 894



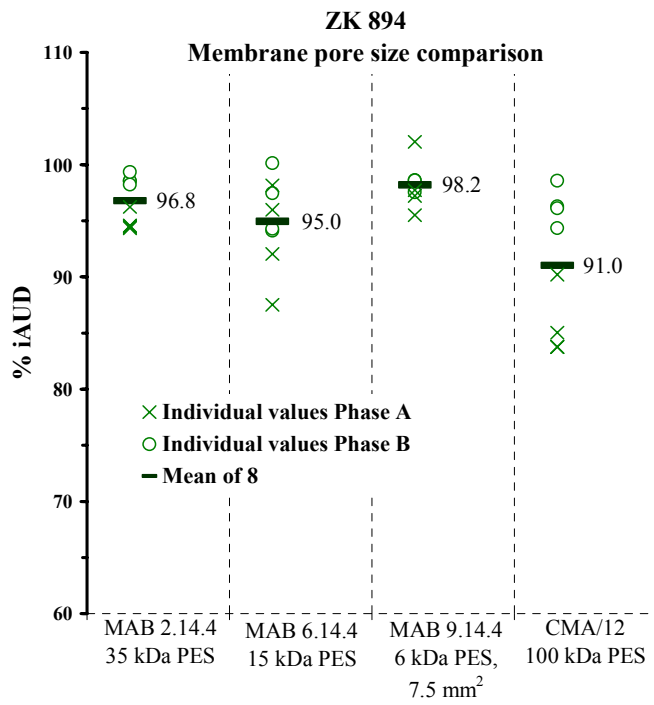
F 23: Overall %iAUD of different membrane materials tested with ZK 894



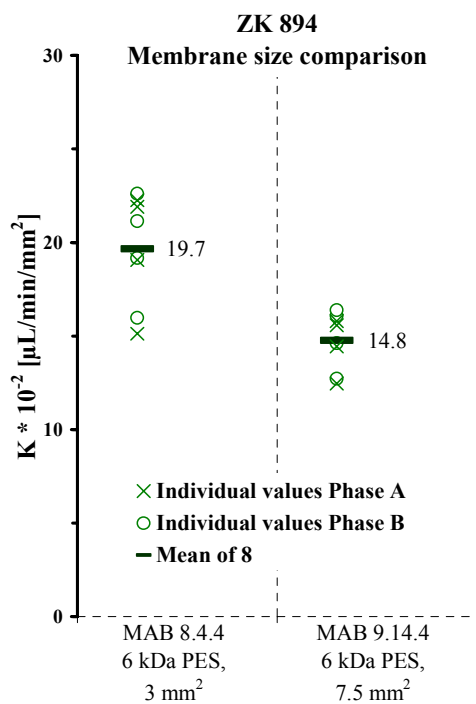
F 24: Overall K of membranes with different pore sizes (PES-membranes) tested with ZK 894



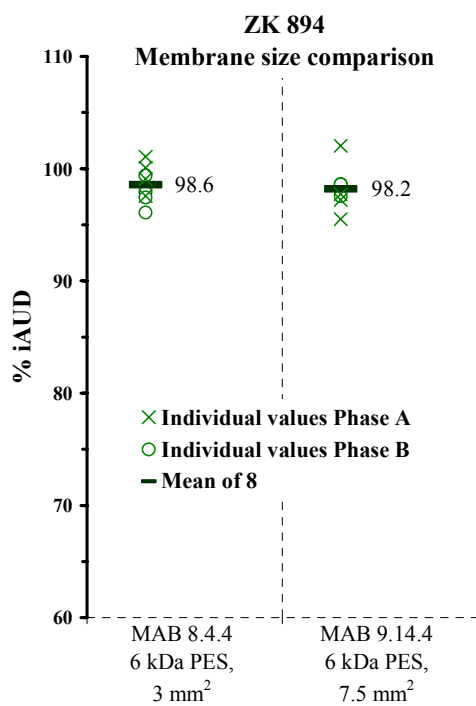
F 25: Overall %iAUD of membranes with different pore sizes (PES-membranes) tested with ZK 894



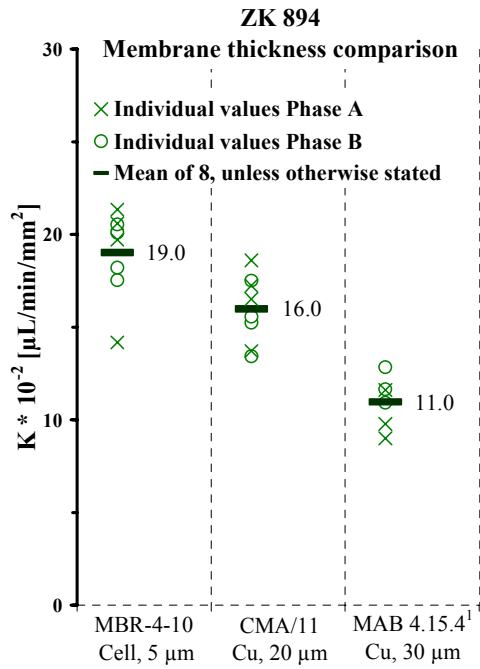
F 26: Overall K of different membrane surface areas (6 kDa PES-membranes) tested with ZK 894



F 27: Overall %iAUD of different membrane surface areas (6 kDa PES-membranes) tested with ZK 894

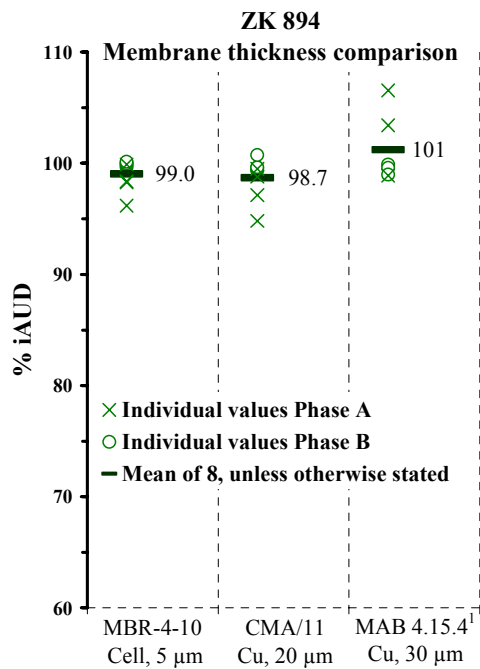


F 28: Overall K of different membrane thicknesses (cellulose based membranes) tested with ZK 894



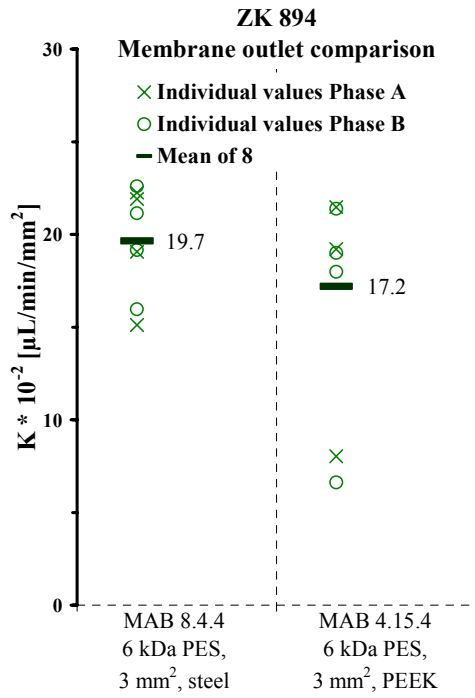
¹ N = 3, thus mean of 6 values

F 29: Overall %iAUD of different membrane thicknesses (cellulose based membranes) tested with ZK 894

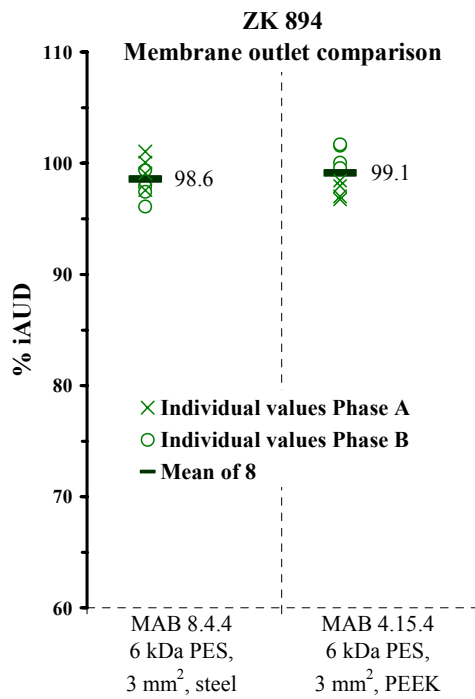


¹ N = 3, thus mean of 6 values

F 30: Overall K of probes with different outlet materials (3 mm² 6 kDa PES-membranes) tested with ZK 894



F 31: Overall %iAUD of probes with different outlet materials (3 mm² 6 kDa PES-membranes) tested with ZK 894



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T 6:	Tubing data FEP tubing and ¹⁴ C-ZK 894	xxx
T 7:	Tubing data FEP/Teflon tubing and ¹⁴ C-ZK 894	xxx
T 8:	Tubing data PEEK tubing and ¹⁴ C-ZK 894	xxx
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T 1: Tubing data FEP tubing and ¹⁴C-ZK 975

Tubing material	Time [min]	No. of flush outs*	% of starting concentration (¹⁴ C-ZK 975)				MW	SD	CV [%]
			1	2	3	4			
FEP, 1m	0	0	81.5	49.6	91.9	76.2	74.8	18.0	24.1
FEP, 1m	3	0.5	97.5	76.7	102	89.0	91.2	11.0	12.1
FEP, 1m	6	1	104	66.0	100	95.5	91.4	17.3	18.9
FEP, 1m	9	1.5	106	78.0	109	97.3	97.5	13.9	14.3
FEP, 1m	12	2	102	81.5	101	95.7	94.9	9.29	9.79
FEP, 1m	15	2.5	103	83.1	101	96.1	95.8	8.88	9.28
FEP, 1m	18	3	103	88.9	99.3	96.9	97.1	6.08	6.26
FEP, 1m	21	3.5	104	89.6	99.5	97.0	97.7	6.17	6.32
FEP, 1m	24	4	101	90.0	95.8	96.1	95.8	4.67	4.88
FEP, 1m	27	4.5	97.5	87.1	94.5	92.2	92.8	4.38	4.72
FEP, 1m	30	5	89.7	83.4	90.1	87.9	87.8	3.08	3.51
FEP, 1m	33	5.5	87.4	79.5	86.5	83.4	84.2	3.57	4.24
FEP, 1m	36	6	82.2	80.5	83.6	81.2	81.9	1.36	1.66
FEP, 1m	39	6.5	77.2	75.6	75.9	75.6	76.1	0.75	0.99
FEP, 1m	42	7	71.8	70.4	70.6	70.2	70.8	0.72	1.01
FEP, 1m	45	7.5	66.4	65.0	61.9	65.2	64.6	1.91	2.96
FEP, 1m	48	8	61.3	59.0	57.4	55.9	58.4	2.30	3.93
FEP, 1m	51	8.5	52.4	52.2	49.4	51.0	51.2	1.40	2.73
FEP, 1m	54	9	49.8	48.3	43.7	45.3	46.8	2.78	5.95
FEP, 1m	57	9.5	40.7	39.4	36.8	39.7	39.2	1.67	4.27
Ae₍₁₋₅₎/cm² [pmol/cm²]			56.9	41.6	54.4	53.8	51.7	6.82	13.2

Ae₍₁₋₅₎ = Amount eluted within the first five dead volume exchanges, initial dead volume subtracted

* 'No. of flush outs' = Number of dead volume exchanges

T 2: Tubing data FEP/Teflon tubing and ¹⁴C-ZK 975

Tubing material	Time [min]	No. of flush outs*	% of starting concentration (¹⁴ C-ZK 975)				MW	SD	CV [%]
			1	2	3	4			
FEP/Teflon, 1m	0	0	94.2	102	99.0	96.2	97.9	3.39	3.46
FEP/Teflon, 1m	3	0.5	103	104	105	102	104	1.05	1.01
FEP/Teflon, 1m	6	1	111	110	110	102	108	4.24	3.91
FEP/Teflon, 1m	9	1.5	103	156	112	99.0	118	26.5	22.6
FEP/Teflon, 1m	12	2	102	108	113	95.4	105	7.62	7.27
FEP/Teflon, 1m	15	2.5	105	94.1	95.4	104	99.7	5.78	5.80
FEP/Teflon, 1m	18	3	101	89.7	91.7	99.6	95.5	5.55	5.82
FEP/Teflon, 1m	21	3.5	93.1	93.1	92.4	92.2	92.7	0.43	0.47
FEP/Teflon, 1m	24	4	86.2	101	87.7	89.1	91.0	6.82	7.50
FEP/Teflon, 1m	27	4.5	84.9	101	85.4	86.3	89.3	7.56	8.46
FEP/Teflon, 1m	30	5	74.4	88.8	77.4	81.8	80.6	6.28	7.79
FEP/Teflon, 1m	33	5.5	67.8	80.4	72.0	76.3	74.1	5.41	7.30
FEP/Teflon, 1m	36	6	60.0	68.6	65.4	72.1	66.5	5.11	7.68
FEP/Teflon, 1m	39	6.5	50.8	58.0	55.5	65.1	57.4	6.00	10.5
FEP/Teflon, 1m	42	7	42.8	46.6	47.2	57.8	48.6	6.44	13.2
FEP/Teflon, 1m	45	7.5	41.5	34.2	40.1	51.3	41.8	7.09	17.0
FEP/Teflon, 1m	48	8	26.5	24.7	32.3	44.7	32.1	9.01	28.1
FEP/Teflon, 1m	51	8.5	19.9	12.8	23.8	37.6	23.5	10.4	44.3
FEP/Teflon, 1m	54	9	9.92	5.92	15.3	31.4	15.6	11.2	71.6
FEP/Teflon, 1m	57	9.5	3.31	2.16	8.09	23.6	9.29	9.89	106
Ae₍₁₋₅₎/cm² [pmol/cm²]			52.1	60.8	55.0	51.8	54.9	4.20	7.65

Ae₍₁₋₅₎ = Amount eluted within the first five dead volume exchanges, initial dead volume subtracted

* 'No. of flush outs' = Number of dead volume exchanges

T 3: Tubing data PEEK tubing and ¹⁴C-ZK 975

Tubing material	Time [min]	No. of flush outs*	% of starting concentration (¹⁴ C-ZK 975)				MW	SD	CV [%]
			1	2	3	4			
PEEK, 1m	0	0	107	107	108	102	106	2.65	2.49
PEEK, 1m	3	0.5	111	111	112	105	110	2.92	2.66
PEEK, 1m	6	1	116	108	108	102	108	5.45	5.02
PEEK, 1m	9	1.5	110	106	104	103	106	2.84	2.69
PEEK, 1m	12	2	106	101	101	99.2	102	3.16	3.10
PEEK, 1m	15	2.5	106	101	102	100	102	2.57	2.52
PEEK, 1m	18	3	104	100	102	99.6	101	1.96	1.93
PEEK, 1m	21	3.5	103	104	102	100	102	1.58	1.54
PEEK, 1m	24	4	114	94.3	82.0	95.1	96.4	13.3	13.8
PEEK, 1m	27	4.5	85.6	75.1	54.0	69.4	71.0	13.2	18.6
PEEK, 1m	30	5	62.5	47.9	35.9	44.6	47.7	11.1	23.2
PEEK, 1m	33	5.5	44.6	33.0	20.9	26.9	31.3	10.1	32.3
PEEK, 1m	36	6	28.5	20.7	12.5	16.5	19.6	6.84	35.0
PEEK, 1m	39	6.5	20.4	14.3	7.21	7.69	12.4	6.26	50.4
PEEK, 1m	42	7	13.3	9.67	4.42	4.42	7.96	4.35	54.6
PEEK, 1m	45	7.5	8.81	6.26	3.31	3.08	5.36	2.72	50.6
PEEK, 1m	48	8	5.96	3.52	2.07	1.79	3.33	1.91	57.2
PEEK, 1m	51	8.5	3.94	2.19	1.20	1.32	2.16	1.27	58.6
PEEK, 1m	54	9	2.46	1.66	1.09	1.04	1.56	0.66	42.5
PEEK, 1m	57	9.5	1.70	1.96	0.88	1.03	1.39	0.52	37.4
Ae₍₁₋₅₎/cm² [pmol/cm²]			49.5	49.7	46.9	47.1	48.3	1.57	3.25

Ae₍₁₋₅₎ = Amount eluted within the first five dead volume exchanges, initial dead volume subtracted

* 'No. of flush outs' = Number of dead volume exchanges

T 4: Tubing data fused silica tubing and ¹⁴C-ZK 975

Tubing material	Time [min]	No. of flush outs*	% of starting concentration (¹⁴ C-ZK 975)				MW	SD	CV [%]
			1	2	3	4			
Fused Silica, 1m	0	0	110	110	108	107	109	1.78	1.63
Fused Silica, 1m	3	0.76	110	110	108	99.3	107	5.16	4.83
Fused Silica, 1m	6	1.52	22.5	25.8	35.8	51.4	33.8	13.0	38.3
Fused Silica, 1m	9	2.28	2.97	1.91	2.84	4.30	3.00	0.98	32.8
Fused Silica, 1m	12	3.04	1.61	0.94	1.56	1.80	1.48	0.37	25.1
Fused Silica, 1m	15	3.80	1.02	0.76	1.32	1.05	1.04	0.23	22.2
Fused Silica, 1m	18	4.56	1.06	0.43	0.99	1.08	0.89	0.31	34.6
Fused Silica, 1m	21	5.32	0.88	0.72	0.81	0.90	0.83	0.08	9.86
Fused Silica, 1m	24	6.08	0.96	0	0.69	0.70	0.59	0.41	70.0
Fused Silica, 1m	27	6.84	0.72	0	0.85	0	0.39	0.46	116
Fused Silica, 1m	30	7.59	0.74	0.72	0.89	0	0.59	0.40	67.9
Fused Silica, 1m	33	8.35	0.73	0.69	0.70	0	0.53	0.35	66.8
Fused Silica, 1m	36	9.11	0	0	0.73	0.67	0.35	0.41	116
Fused Silica, 1m	39	9.87	0.69	0	0.79	0.63	0.53	0.36	67.8
Fused Silica, 1m	42	10.6	0.62	0	0.57	0	0.30	0.35	116
Fused Silica, 1m	45	11.4	1.08	0	0.71	0.67	0.62	0.45	73.3
Fused Silica, 1m	48	12.2	0.66	0	0.73	2.06	0.86	0.86	99.9
Fused Silica, 1m	51	12.9	0	0.65	0.76	1.83	0.81	0.76	93.4
Fused Silica, 1m	54	13.7	1.00	0.78	1.63	0	0.85	0.67	79.1
Fused Silica, 1m	57	14.4	1.14	0	0	2.51	0.91	1.19	131
Ae₍₁₋₅₎/cm² [pmol/cm²]			0	0	0.03	0	0.01	0.01	200

Ae₍₁₋₅₎ = Amount eluted within the first five dead volume exchanges, initial dead volume subtracted

* 'No. of flush outs' = Number of dead volume exchanges

0 = value below the lower limit of quantification

T 5: Tubing data silicone tubing and ¹⁴C-ZK 975

Tubing material	Time [min]	No. of flush outs*	% of starting concentration (¹⁴ C-ZK 975)						MW	SD	CV [%]
			1	2	3	4	5	6			
Silicone, 45 cm	0	0	23.9	20.8	22.5	23.7			22.7	1.40	6.16
Silicone, 45 cm	3	0.26	27.8	21.7	21.8	23.6			23.7	2.86	12.0
Silicone, 45 cm	6	0.53	29.8	24.2	23.8	26.9			26.2	2.78	10.6
Silicone, 45 cm	9	0.79	31.2	23.7	26.1	27.5			27.1	3.13	11.5
Silicone, 45 cm	12	1.05	31.9	26.7	28.2	28.4			28.8	2.18	7.56
Silicone, 45 cm	15	1.32	30.7	26.6	28.0	28.8			28.5	1.73	6.06
Silicone, 45 cm	18	1.58	32.6	26.4	30.4	30.8			30.1	2.62	8.72
Silicone, 45 cm	21	1.84	31.0	28.3	30.2	31.6			30.3	1.42	4.68
Silicone, 45 cm	24	2.11	31.3	28.0	31.0	32.2			30.6	1.85	6.04
Silicone, 45 cm	27	2.37	31.0	27.0	31.0	32.6			30.4	2.38	7.82
Silicone, 45 cm	30	2.63	31.1	27.8	32.1	32.5			30.9	2.11	6.83
Silicone, 45 cm	33	2.89	29.2	25.9	28.8	31.9			29.0	2.44	8.42
Silicone, 45 cm	36	3.16	27.0	25.0	27.5	30.1			27.4	2.10	7.66
Silicone, 45 cm	39	3.42	26.4	22.7	26.2	27.3			25.7	2.06	8.02
Silicone, 45 cm	42	3.68	24.4	22.2	24.5	27.1			24.5	2.00	8.16
Silicone, 45 cm	45	3.95	21.9	20.6	23.7	24.2			22.6	1.66	7.36
Silicone, 45 cm	48	4.21	21.5	19.5	22.5	23.6			21.8	1.74	7.99
Silicone, 45 cm	51	4.47	20.9	18.5	21.2	23.0			20.9	1.87	8.95
Silicone, 45 cm	54	4.74	19.2	18.0	19.6	22.6			19.9	1.92	9.69
Silicone, 45 cm	57	5	19.0	16.5	19.1	21.1			18.9	1.89	9.97
Ae₍₁₋₅₎/cm² [pmol/cm²]			22.4	16.6	19.1	20.4			19.6	2.59	13.2

Ae₍₁₋₅₎ = Amount eluted within the first five dead volume exchanges, initial dead volume subtracted

* 'No. of flush outs' = Number of dead volume exchanges

T 6: Tubing data FEP tubing and ¹⁴C-ZK 894

Tubing material	Time [min]	No. of flush outs*	% of starting concentration (¹⁴ C-ZK 894)						MW	SD	CV [%]
			1	2	3	4	5	6			
FEP, 1m	0	0	0**	0**	0**	0**	100	97.7	98.9	1.72	1.74
FEP, 1m	3	0.5	62.9**	81.0**	81.6**	50.5**	98.4	99.8	99.1	0.96	0.97
FEP, 1m	6	1	96.7	96.9	96.2	97.8	94.1	95.7	96.3	1.24	1.29
FEP, 1m	9	1.5	9.87	8.93	8.93	18.2	8.51	5.63	10.0	4.28	42.7
FEP, 1m	12	2	1.56	1.73	1.76	2.13	0.40	0.30	1.31	0.77	58.6
FEP, 1m	15	2.5	0.62	0.54	0.53	0.28	0.26	0.11	0.39	0.20	51.7
FEP, 1m	18	3	0.41	0	0.23	0	0.19	0	0.14	0.17	123
FEP, 1m	21	3.5	0.34	0	0	0.23	0.15	0.11	0.14	0.13	97.1
FEP, 1m	24	4	0	0	0	0	0.09	0.15	0.04	0.06	162
FEP, 1m	27	4.5	0	0	0	0	0	0	0	0	N/A
FEP, 1m	30	5	0	0	0	0	0	0.01	0.00	0.00	245
FEP, 1m	33	5.5	1.83	0	0	0	N/S	N/S	0.46	0.92	200
FEP, 1m	36	6	0	0	0	0	N/S	N/S	0	0	N/A
FEP, 1m	39	6.5	0	0	0	0	N/S	N/S	0	0	N/A
FEP, 1m	42	7	0	0	0	0	N/S	N/S	0	0	N/A
FEP, 1m	45	7.5	0	0	0	0	N/S	N/S	0	0	N/A
FEP, 1m	48	8	0	0	0	0	N/S	N/S	0	0	N/A
FEP, 1m	51	8.5	0	0	0	0	N/S	N/S	0	0	N/A
FEP, 1m	54	9	0	0	0	0	N/S	N/S	0	0	N/A
FEP, 1m	57	9.5	0	0	0	0	N/S	N/S	0	0	N/A
Ae₍₁₋₅₎/cm² [pmol/cm²]			1.75	1.64	1.60	2.96	2.66	2.39	2.17	0.58	26.8

Ae₍₁₋₅₎ = Amount eluted within the first five dead volume exchanges, initial dead volume subtracted

N/S = no sample taken

N/A = not applicable

* 'No. of flush outs' = Number of dead volume exchanges

** value excluded from all further calculations

0 = value below the lower limit of quantification

T 7: Tubing data FEP/Teflon tubing and ¹⁴C-ZK 894

Tubing material	Time [min]	No. of flush outs*	% of starting concentration (¹⁴ C-ZK 894)				MW	SD	CV [%]
			1	2	3	4			
FEP/Teflon, 1m	0	0	96.4	96.8	97.0	96.0	96.5	0.45	0.47
FEP/Teflon, 1m	3	0.5	101	98.8	98.0	97.8	98.9	1.40	1.42
FEP/Teflon, 1m	6	1	68.5	66.9	70.2	67.9	68.4	1.37	2.00
FEP/Teflon, 1m	9	1.5	2.63	2.33	2.16	1.40	2.13	0.52	24.6
FEP/Teflon, 1m	12	2	2.36	0.27	0.68	2.43	1.43	1.12	78.1
FEP/Teflon, 1m	15	2.5	1.63	0.36	0.38	1.00	0.84	0.60	71.6
FEP/Teflon, 1m	18	3	0.63	0.58	0.51	0.62	0.58	0.06	9.54
FEP/Teflon, 1m	21	3.5	0.43	1.24	0.48	0.28	0.61	0.43	70.1
FEP/Teflon, 1m	24	4	0.40	1.51	0.40	0.27	0.65	0.58	89.6
FEP/Teflon, 1m	27	4.5	0.27	0.71	0.33	0.25	0.39	0.22	55.9
FEP/Teflon, 1m	30	5	0	0.41	0.33	0	0.18	0.21	117
FEP/Teflon, 1m	33	5.5	0.24	0.39	0.24	0	0.22	0.16	74.7
FEP/Teflon, 1m	36	6	0.64	0.23	0	0	0.22	0.30	139
FEP/Teflon, 1m	39	6.5	0.51	0.22	0	0	0.18	0.24	133
FEP/Teflon, 1m	42	7	0.33	1.21	0	0	0.39	0.57	148
FEP/Teflon, 1m	45	7.5	0	0.24	0	0	0.06	0.12	200
FEP/Teflon, 1m	48	8	0.26	0	0	0	0.07	0.13	200
FEP/Teflon, 1m	51	8.5	0.30	0	0	0	0.08	0.15	200
FEP/Teflon, 1m	54	9	0	0	0	0	0	0	N/A
FEP/Teflon, 1m	57	9.5	0.38	0.28	0.25	0	0.23	0.16	71.4
Ae₍₁₋₅₎/cm² [pmol/cm²]			0	0	0	0	0	0	N/A

Ae₍₁₋₅₎ = Amount eluted within the first five dead volume exchanges, initial dead volume subtracted

N/A = not applicable

* 'No. of flush outs' = Number of dead volume exchanges

0 = value below the lower limit of quantification

T 8: Tubing data PEEK tubing and ¹⁴C-ZK 894

Tubing material	Time [min]	No. of flush outs*	% of starting concentration (¹⁴ C-ZK 894)				MW	SD	CV [%]
			1	2	3	4			
PEEK, 1m	0	0	103	106	106	102	105	1.43	1.36
PEEK, 1m	3	0.5	103	111	108	105	106	4.22	3.99
PEEK, 1m	6	1	101	112	104	102	104	5.00	4.78
PEEK, 1m	9	1.5	90.6	18.0	26.3	103	49.9	33.9	68.0
PEEK, 1m	12	2	5.32	3.54	2.64	99.2	3.75	1.13	30.1
PEEK, 1m	15	2.5	2.20	1.78	2.36	100	2.18	0.28	12.8
PEEK, 1m	18	3	2.25	0.83	2.03	99.6	1.80	0.65	36.4
PEEK, 1m	21	3.5	2.24	0.46	1.44	100	1.52	0.78	51.3
PEEK, 1m	24	4	2.19	0.43	0.87	95.1	1.17	0.75	63.9
PEEK, 1m	27	4.5	1.87	0.46	0.93	69.4	0.96	0.64	66.6
PEEK, 1m	30	5	1.80	0.39	0.61	44.6	0.84	0.65	77.9
PEEK, 1m	33	5.5	1.13	0.33	0.31	26.9	0.53	0.40	75.0
PEEK, 1m	36	6	0.78	0	0.28	16.5	0.36	0.32	89.7
PEEK, 1m	39	6.5	0.46	0	0.29	7.69	0.26	0.19	73.0
PEEK, 1m	42	7	0.32	0.29	0.23	4.42	0.29	0.04	12.6
PEEK, 1m	45	7.5	0.27	0.31	0	3.08	0.23	0.15	67.6
PEEK, 1m	48	8	0.41	0.31	0.27	1.79	0.31	0.07	22.3
PEEK, 1m	51	8.5	0.30	0.23	0.26	1.32	0.20	0.13	68.2
PEEK, 1m	54	9	0	0.30	0.28	1.04	0.23	0.16	67.8
PEEK, 1m	57	9.5	0.27	0	0	1.03	0.07	0.14	200
Ae₍₁₋₅₎/cm² [pmol/cm²]			10.9	0.26	3.01	6.40	5.13	4.38	85.3

Ae₍₁₋₅₎ = Amount eluted within the first five dead volume exchanges, initial dead volume subtracted

* 'No. of flush outs' = Number of dead volume exchanges

0 = value below the lower limit of quantification

T 9: Tubing data fused silica tubing and ¹⁴C-ZK 894

Tubing material	Time [min]	No. of flush outs*	% of starting concentration (¹⁴ C-ZK 894)				MW	SD	CV [%]
			1	2	3	4			
Fused Silica, 1m	0	0	108	107	108	108	108	0.52	0.48
Fused Silica, 1m	3	0.76	104.5	106.4	106.2	104.4	105	1.10	1.04
Fused Silica, 1m	6	1.52	21.8	19.7	31.1	34.0	26.7	6.98	26.2
Fused Silica, 1m	9	2.28	0.38	1.69	0.75	0.74	0.89	0.56	63.1
Fused Silica, 1m	12	3.04	0	0.88	0.46	0.64	0.50	0.37	75.2
Fused Silica, 1m	15	3.80	0	0.88	0.39	0.36	0.41	0.36	88.4
Fused Silica, 1m	18	4.56	0	0.65	0.28	0.34	0.32	0.27	84.5
Fused Silica, 1m	21	5.32	0	0.60	0.29	0.32	0.30	0.24	81.3
Fused Silica, 1m	24	6.08	0	0.52	0.34	0.27	0.28	0.22	76.4
Fused Silica, 1m	27	6.84	0	0.54	0.66	0.34	0.38	0.29	74.9
Fused Silica, 1m	30	7.59	0.41	0.45	0.23	0	0.27	0.21	75.2
Fused Silica, 1m	33	8.35	0	0.51	0.30	0	0.20	0.25	123
Fused Silica, 1m	36	9.11	0	0.43	0.23	0	0.16	0.21	126
Fused Silica, 1m	39	9.87	0	0.32	0	0	0.08	0.16	200
Fused Silica, 1m	42	10.6	0	0.28	0.41	0	0.17	0.21	119
Fused Silica, 1m	45	11.4	0	0	0	0	0	0	N/A
Fused Silica, 1m	48	12.2	0	0.51	0	0.23	0.18	0.24	131
Fused Silica, 1m	51	12.9	0.68	0.25	0	0	0.23	0.32	138
Fused Silica, 1m	54	13.7	0	0	0	0	0	0	N/A
Fused Silica, 1m	57	14.4	0	0.58	0.27	0	0.21	0.28	130
Ae₍₁₋₅₎/cm² [pmol/cm²]			0	0	0	0	0	0	N/A

Ae₍₁₋₅₎ = Amount eluted within the first five dead volume exchanges, initial dead volume subtracted

* 'No. of flush outs' = Number of dead volume exchanges

0 = value below the lower limit of quantification

T 10: Tubing data silicone tubing and ¹⁴C-ZK 894

Tubing material	Time [min]	No. of flush outs*	% of starting concentration (¹⁴ C-ZK 894)				MW	SD	CV [%]
			1	2	3	4			
Silicone, 45 cm	0	0	111	110	112	111	111	0.98	0.88
Silicone, 45 cm	3	0.26	116	114	133	114	119	9.23	7.74
Silicone, 45 cm	6	0.53	N/S	N/S	N/S	N/S	N/A	N/A	N/A
Silicone, 45 cm	9	0.79	N/S	N/S	N/S	N/S	N/A	N/A	N/A
Silicone, 45 cm	12	1.05	N/S	N/S	15.5	N/S	15.5	N/A	N/A
Silicone, 45 cm	15	1.32	10.5	11.7	5.81	11.5	9.88	2.76	27.9
Silicone, 45 cm	18	1.58	4.45	4.25	2.84	4.55	4.02	0.80	19.8
Silicone, 45 cm	21	1.84	2.69	2.87	2.16	2.84	2.64	0.33	12.4
Silicone, 45 cm	24	2.11	2.21	2.34	1.77	2.45	2.19	0.30	13.6
Silicone, 45 cm	27	2.37	1.91	1.99	1.46	2.34	1.93	0.36	18.9
Silicone, 45 cm	30	2.63	1.66	1.71	1.12	1.93	1.61	0.34	21.3
Silicone, 45 cm	33	2.89	1.47	1.52	1.21	1.64	1.46	0.18	12.5
Silicone, 45 cm	36	3.16	1.25	1.34	1.21	1.41	1.30	0.09	6.96
Silicone, 45 cm	39	3.42	1.41	1.25	0.93	1.23	1.20	0.20	16.6
Silicone, 45 cm	42	3.68	1.08	1.05	0.87	1.07	1.02	0.10	9.77
Silicone, 45 cm	45	3.95	0.92	1.15	0.89	1.00	0.99	0.12	11.9
Silicone, 45 cm	48	4.21	0.85	1.02	0.82	0.92	0.90	0.09	10.1
Silicone, 45 cm	51	4.47	0.78	0.83	0.78	0.85	0.81	0.04	4.44
Silicone, 45 cm	54	4.74	0.80	0.70	0.55	0.78	0.71	0.11	15.9
Silicone, 45 cm	57	5	0.73	0.71	0.58	0.88	0.73	0.12	17.1
Ae₍₁₋₅₎/cm² [pmol/cm²]			4.88	5.38	3.68	5.46	4.85	0.82	17.0

Ae₍₁₋₅₎ = Amount eluted within the first five dead volume exchanges, initial dead volume subtracted

* 'No. of flush outs' = Number of dead volume exchanges

T 11: Legend for the tables 12-33 below

REC = Recovery [%]

K = Mass transfer coefficient [$\mu\text{L}/\text{min}/\text{mm}^2$]

$A_{e_{A/B}}$ = Amount eluted for Rinse A or Rinse B, dead volume corrected [pmol/mm^3]

%iAUD = % of the ideal Area Under the Data achieved [%]

N/A = not applicable

1) mean of the last 4 individual values

2) $i\text{AUD} = K_{A/B} * 8$ [$\mu\text{L}/\text{min}/\text{mm}^2$], $\%i\text{AUD} = \text{AUD}/i\text{AUD} * 100$

3) mean of the last 4 individual values at Phase A and the last 4 individual values at Phase B

4) calculated from A_{e_A} and A_{e_B} (see Chapter 0)

5) mean of $\%i\text{AUD}_A$ and $\%i\text{AUD}_B$

0 = value below the lower limit of quantification

* = excluded from any further calculations

T 12: Microdialysis data CMA/12 (PC) probe (PC, 20 kDa) and ¹⁴C-ZK 975

Sample	Phase A	Recovery ¹⁴ C-ZK 975 [%]						
		1	2	3	4	Mean	SD	CV [%]
1	Phase A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2	Phase A	3.75	2.63	2.62	1.86	2.71	0.78	N/A
3	Phase A	7.21	7.44	7.44	7.14	7.31	0.15	2.11
4	Phase A	11.1	12.6	13.2	12.6	12.4	0.90	7.22
5	Phase A	15.3	15.6	16.4	17.5	16.2	0.98	6.04
6	Phase A	19.8	20.8	19.9	21.3	20.4	0.72	3.51
7	Phase A	22.3	24.3	23.8	24.8	23.8	1.07	4.51
8	Phase A	24.7	26.6	25.8	28.4	26.4	1.55	5.89
9	Phase A	27.9	28.5	27.0	31.9	28.8	2.12	7.35
10	Phase A	30.3	30.1	30.2	33.2	30.9	1.49	4.81
REC_A Mean¹⁾		26.3	27.4	26.7	29.6	27.5	1.46	5.30
SD		3.49	2.53	2.67	3.75			
CV [%]		13.3	9.23	10.0	12.7			

Sample	Rinse A	Recovery ¹⁴ C-ZK 975 [%]						
		1	2	3	4	Mean	SD	CV [%]
11	Rinse A	32.6	34.1	32.4	34.5	33.4	1.06	3.16
12	Rinse A	29.7	31.5	28.0	35.4	31.1	3.16	10.2
13	Rinse A	26.3	26.4	24.7	33.4	27.7	3.87	14.0
14	Rinse A	22.0	23.5	21.8	25.7	23.3	1.82	7.81
15	Rinse A	21.2	20.5	18.1	22.3	20.5	1.79	8.72
16	Rinse A	18.1	18.9	17.4	19.9	18.6	1.07	5.75
17	Rinse A	17.3	16.4	13.8	18.6	16.5	2.04	12.3
18	Rinse A	17.1	15.7	13.8	15.4	15.5	1.36	8.77
19	Rinse A	15.4	14.0	11.3	14.5	13.8	1.80	13.1
20	Rinse A	15.1	12.7	11.5	14.3	13.4	1.60	11.9
Ae_A [pmol/mm³]		165	181	165	203	178	18.2	10.2

Sample	Phase B	Recovery ¹⁴ C-ZK 975 [%]						
		1	2	3	4	Mean	SD	CV [%]
21	Phase B	N/A	N/A	N/A	N/A	N/A	N/A	N/A
22	Phase B	5.04	4.03	4.48	3.92	4.37	0.51	11.6
23	Phase B	10.3	9.44	10.7	10.7	10.3	0.60	5.87
24	Phase B	15.3	14.8	16.2	16.7	15.7	0.88	5.62
25	Phase B	18.9	18.4	19.6	20.7	19.4	1.00	5.13
26	Phase B	22.5	22.1	23.1	24.0	22.9	0.81	3.52
27	Phase B	24.4	24.3	24.8	27.4	25.2	1.47	5.82
28	Phase B	26.2	26.2	26.0	28.2	26.7	1.06	3.99
29	Phase B	28.5	27.8	27.7	29.6	28.4	0.87	3.05
30	Phase B	30.6	30.6	29.4	32.6	30.8	1.35	4.37
REC_B Mean¹⁾		27.4	27.2	27.0	29.5	27.8	1.15	4.13
SD		2.69	2.67	2.00	2.30			
CV [%]		9.81	9.82	7.40	7.81			

Sample	Rinse B	Recovery ¹⁴ C-ZK 975 [%]						
		1	2	3	4	Mean	SD	CV [%]
31	Rinse B	30.6	30.4	29.8	33.5	31.1	1.65	5.32
32	Rinse B	28.3	27.5	26.1	30.2	28.0	1.72	6.12
33	Rinse B	23.6	22.4	20.3	24.9	22.8	1.94	8.50
34	Rinse B	20.0	18.6	17.1	20.2	19.0	1.41	7.45
35	Rinse B	17.5	15.7	14.3	16.5	16.0	1.35	8.45
36	Rinse B	15.9	14.1	12.6	15.0	14.4	1.40	9.73
37	Rinse B	14.4	13.2	11.5	14.1	13.3	1.31	9.86
38	Rinse B	13.4	11.8	10.2	11.9	11.8	1.31	11.1
39	Rinse B	12.9	10.6	9.34	10.9	10.9	1.46	13.4
40	Rinse B	12.1	10.2	8.81	10.5	10.4	1.34	12.8
Ae_B [pmol/mm³]		1661	1628	1513	1786	1647	112	6.81

Probe:	1	2	3	4	Mean	SD	CV [%]
REC Mean³⁾	26.8	27.3	26.8	29.5	27.6	1.28	4.62
SD	2.95	2.41	2.19	2.88			
CV [%]	11.0	8.83	8.16	9.77			
Ae⁴⁾ [pmol/mm³]	25.3	41.0	26.4	45.4	34.5	10.2	29.5

K * 10 ⁻² [μL/min/mm ²]							
1	2	3	4	Mean	SD	CV [%]	
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1.22	0.85	0.85	0.60	0.88	0.26	N/A	
2.38	2.46	2.46	2.36	2.42	0.05	2.20	
3.76	4.31	4.52	4.28	4.22	0.32	7.69	
5.30	5.41	5.70	6.14	5.64	0.37	6.63	
7.02	7.42	7.08	7.62	7.28	0.29	3.95	
8.04	8.85	8.65	9.08	8.66	0.45	5.16	
9.03	9.86	9.49	10.6	9.75	0.67	6.91	
10.4	10.7	10.0	12.2	10.8	0.96	8.85	
11.5	11.4	11.4	12.8	11.8	0.69	5.88	
K_A Mean¹⁾				9.74	10.2	9.91	11.2
SD				1.51	1.11	1.17	1.68
CV [%]				15.5	10.8	11.8	15.1
%iAUD_A²⁾ [%]				67.1	67.5	68.3	66.0
				67.2	0.96		N/A

K * 10 ⁻² [μL/min/mm ²]							
1	2	3	4	Mean	SD	CV [%]	
12.5	13.3	12.5	13.5	12.9	0.51	3.90	
11.2	12.0	10.5	13.9	11.9	1.48	12.4	
9.71	9.76	9.03	12.9	10.4	1.75	16.9	
7.92	8.55	7.83	9.48	8.44	0.76	9.00	
7.58	7.30	6.35	8.05	7.32	0.71	9.75	
6.38	6.68	6.07	7.05	6.54	0.42	6.39	
6.04	5.71	4.72	6.55	5.75	0.77	13.4	
5.97	5.43	4.73	5.31	5.36	0.51	9.54	
5.34	4.80	3.80	5.00	4.74	0.66	14.0	
5.22	4.34	3.89	4.90	4.59	0.59	12.8	

K * 10 ⁻² [μL/min/mm ²]							
1	2	3	4	Mean	SD	CV [%]	
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1.65	1.31	1.46	1.27	1.42	0.17	11.9	
3.44	3.16	3.62	3.60	3.46	0.21	6.19	
5.27	5.09	5.63	5.83	5.45	0.33	6.13	
6.68	6.49	6.95	7.40	6.88	0.39	5.74	
8.11	7.97	8.36	8.73	8.29	0.33	4.02	
8.91	8.85	9.09	10.2	9.26	0.63	6.82	
9.67	9.67	9.59	10.6	9.87	0.47	4.72	
10.7	10.4	10.3	11.2	10.6	0.39	3.64	
11.6	11.6	11.1	12.6	11.7	0.62	5.31	
K_B Mean¹⁾				10.2	10.1	10.0	11.1
SD				1.18	1.17	0.87	1.05
CV [%]				11.6	11.6	8.71	9.43
%iAUD_B²⁾ [%]				72.7	71.7	74.6	72.4
				72.8	1.28		N/A

Sample	Rinse B	Recovery ¹⁴ C-ZK 975 [%]						
		1	2	3	4	Mean	SD	CV [%]
31	Rinse B	30.6	30.4	29.8	33.5	31.1	1.65	5.32
32	Rinse B	28.3	27.5	26.1	30.2	28.0	1.72	6.12
33	Rinse B	23.6	22.4	20.3	24.9	22.8	1.94	8.50
34	Rinse B	20.0	18.6	17.1	20.2	19.0	1.41	7.45
35	Rinse B	17.5	15.7	14.3	16.5	16.0	1.35	8.45
36	Rinse B	15.9	14.1	12.6	15.0	14.4	1.40	9.73
37	Rinse B	14.4	13.2	11.5	14.1	13.3	1.31	9.86
38	Rinse B	13.4	11.8	10.2	11.9	11.8	1.31	11.1
39	Rinse B	12.9	10.6	9.34	10.9	10.9	1.46	13.4
40	Rinse B	12.1	10.2	8.81	10.5	10.4	1.34	12.8
Ae_B [pmol/mm³]		1661	1628	1513	1786	1647	112	6.81

Probe:	1	2	3	4	Mean	SD	CV [%]
K Mean³⁾	9.98	10.2	9.96	11.2	10.3	0.57	5.52
SD	1.28	1.06	0.96	1.30			
CV [%]	12.8	10.4	9.61	11.6			
%iAUD⁴⁾ [%]	70.0	69.6	71.5	69.1	70.0	1.00	1.00

For the legend, see T 11

T 13: Microdialysis data CMA/12 (PC) probe (PC, 20 kDa) and ¹⁴C-ZK 894

Sample	Phase A	Recovery ¹⁴ C-ZK 894 [%]						
		1	2	3	4	Mean	SD	CV [%]
1	Phase A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2	Phase A	39.5	33.9	41.1	39.2	38.4	3.11	8.10
3	Phase A	44.0	39.3	46.8	48.5	44.7	4.04	9.04
4	Phase A	46.0	40.8	47.7	49.0	45.9	3.59	7.82
5	Phase A	46.0	43.1	46.8	49.7	46.4	2.71	5.84
6	Phase A	48.2	44.0	48.3	50.8	47.8	2.80	5.86
7	Phase A	49.1	45.0	50.4	50.5	48.8	2.57	5.27
8	Phase A	48.7	45.8	49.9	55.0	49.8	3.86	7.74
9	Phase A	51.5	45.2	49.5	53.2	49.9	3.45	6.91
10	Phase A	51.0	50.4	53.1	52.3	51.7	1.22	2.35
REC_A Mean¹⁾		50.1	46.6	50.7	52.8	50.0	2.55	5.10
SD		1.38	2.57	1.65	1.89			
CV [%]		2.76	5.52	3.25	3.58			

	K * 10 ⁻² [μ L/min/mm ²]						
	1	2	3	4	Mean	SD	CV [%]
	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	16.0	13.2	16.8	15.8	15.5	1.58	10.2
	18.5	15.9	20.1	21.1	18.9	2.29	12.1
	19.6	16.7	20.7	21.5	19.6	2.07	10.6
	19.6	18.0	20.1	21.9	19.9	1.61	8.11
	21.0	18.5	21.0	22.6	20.8	1.69	8.16
	21.5	19.1	22.4	22.4	21.3	1.57	7.35
	21.2	19.5	22.0	25.4	22.0	2.49	11.3
	23.0	19.2	21.8	24.2	22.0	2.16	9.80
	22.7	22.4	24.1	23.6	23.2	0.80	3.46
K_A Mean¹⁾	22.1	20.0	22.6	23.9	22.2	1.61	7.27
SD	0.88	1.57	1.08	1.27			
CV [%]	3.99	7.85	4.80	5.32			
%iAUD_A²⁾	92.5	90.3	93.3	93.5	92.4	1.50	1.62

Sample	Rinse A	Recovery ¹⁴ C-ZK 894 [%]						
		1	2	3	4	Mean	SD	CV [%]
11	Rinse A	37.5	35.3	39.0	42.9	38.6	3.19	8.26
12	Rinse A	8.42	9.48	8.07	9.12	8.77	0.64	7.31
13	Rinse A	5.14	5.67	4.27	4.74	4.95	0.60	12.0
14	Rinse A	3.26	4.65	3.30	2.83	3.51	0.79	22.5
15	Rinse A	2.41	2.49	1.72	2.37	2.25	0.35	15.8
16	Rinse A	3.13	2.54	2.25	1.71	2.41	0.59	24.5
17	Rinse A	2.20	1.89	1.70	0	1.45	0.99	68.2
18	Rinse A	0	1.82	0	1.60	0.85	0.99	116
19	Rinse A	1.61	1.70	1.65	0	1.24	0.83	66.7
20	Rinse A	0	0	0	0	0	0	#DIV/0!
Ac_A [pmol/mm³]		40.4	48.1	32.1	39.9	40.1	6.54	16.3

	K * 10 ⁻² [μ L/min/mm ²]						
	1	2	3	4	Mean	SD	CV [%]
	14.9	13.9	15.7	17.8	15.6	1.67	10.7
	2.80	3.17	2.68	3.05	2.92	0.22	7.66
	1.68	1.86	1.39	1.55	1.62	0.20	12.3
	1.06	1.52	1.07	0.91	1.14	0.26	23.0
	0.78	0.80	0.55	0.76	0.72	0.12	15.9
	1.01	0.82	0.73	0.55	0.78	0.19	24.8
	0.71	0.61	0.55	0	0.47	0.32	68.2
	0	0.58	0	0.51	0.27	0.32	116
	0.52	0.55	0.53	0	0.40	0.27	66.7
	0	0	0	0	0	0	#DIV/0!

Sample	Phase B	Recovery ¹⁴ C-ZK 894 [%]						
		1	2	3	4	Mean	SD	CV [%]
21	Phase B	N/A	N/A	N/A	N/A	N/A	N/A	N/A
22	Phase B	39.3	35.7	44.1	42.2	40.3	3.65	9.05
23	Phase B	40.4	38.1	46.7	43.8	42.2	3.75	8.87
24	Phase B	42.8	39.3	48.4	45.8	44.1	3.90	8.86
25	Phase B	42.7	39.9	49.6	46.8	44.7	4.30	9.61
26	Phase B	42.1	39.6	49.1	47.8	44.6	4.53	10.2
27	Phase B	42.4	39.7	49.3	46.7	44.5	4.29	9.64
28	Phase B	42.2	39.2	50.6	47.2	44.8	5.08	11.3
29	Phase B	42.7	40.0	49.1	46.9	44.7	4.09	9.15
30	Phase B	42.5	39.7	49.7	47.7	44.9	4.63	10.3
REC_B Mean¹⁾		42.4	39.6	49.7	47.1	44.7	4.52	10.1
SD		0.22	0.34	0.65	0.46			
CV [%]		0.53	0.86	1.31	0.97			

	K * 10 ⁻² [μ L/min/mm ²]						
	1	2	3	4	Mean	SD	CV [%]
	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	15.9	14.1	18.5	17.4	16.5	1.93	11.7
	16.5	15.3	20.0	18.3	17.5	2.08	11.8
	17.8	15.9	21.1	19.5	18.6	2.22	11.9
	17.7	16.2	21.8	20.1	18.9	2.48	13.1
	17.4	16.0	21.5	20.7	18.9	2.60	13.8
	17.6	16.1	21.6	20.0	18.8	2.47	13.1
	17.4	15.8	22.4	20.3	19.0	2.95	15.5
	17.7	16.3	21.5	20.2	18.9	2.36	12.4
	17.6	16.1	21.9	20.7	19.1	2.67	14.0
K_B Mean¹⁾	17.6	16.1	21.9	20.3	19.0	2.61	13.8
SD	0.12	0.18	0.41	0.28			
CV [%]	0.70	1.12	1.90	1.36			
%iAUD_B²⁾	98.7	98.6	97.3	97.4	98.0	0.74	0.76

Sample	Rinse B	Recovery ¹⁴ C-ZK 894 [%]						
		1	2	3	4	Mean	SD	CV [%]
31	Rinse B	27.0	26.3	33.8	32.7	30.0	3.84	12.8
32	Rinse B	2.24	3.60	3.81	3.48	3.28	0.71	21.5
33	Rinse B	1.25	1.95	1.94	1.57	1.68	0.34	20.0
34	Rinse B	0.84	1.46	1.23	1.10	1.16	0.26	22.4
35	Rinse B	0.69	1.13	0.86	0.82	0.87	0.19	21.3
36	Rinse B	0.55	0.86	0.74	0.63	0.70	0.14	19.6
37	Rinse B	0.48	0.65	0.59	0.57	0.57	0.07	12.3
38	Rinse B	0.60	0.69	0.55	0.42	0.56	0.11	19.7
39	Rinse B	0.43	0.53	0.47	0.42	0.46	0.05	10.7
40	Rinse B	0.32	0.49	0.44	0.38	0.41	0.07	17.6
Ac_B [pmol/mm³]		86.3	146	112	120	116	24.6	21.2

	K * 10 ⁻² [μ L/min/mm ²]						
	1	2	3	4	Mean	SD	CV [%]
	10.0	9.74	13.1	12.6	11.4	1.75	15.4
	0.72	1.17	1.24	1.13	1.06	0.23	21.8
	0.40	0.63	0.62	0.50	0.54	0.11	20.1
	0.27	0.47	0.39	0.35	0.37	0.08	22.5
	0.22	0.36	0.27	0.26	0.28	0.06	21.4
	0.17	0.28	0.24	0.20	0.22	0.04	19.7
	0.15	0.21	0.19	0.18	0.18	0.02	12.3
	0.19	0.22	0.18	0.13	0.18	0.04	19.7
	0.14	0.17	0.15	0.13	0.15	0.02	10.7
	0.10	0.16	0.14	0.12	0.13	0.02	17.6

Probe:	1	2	3	4	Mean	SD	CV [%]
REC Mean³⁾	46.3	43.1	50.2	49.9	47.4	3.36	7.09
SD	4.19	4.10	1.29	3.27			
CV [%]	9.06	9.50	2.58	6.54			
Ac⁴⁾ [pmol/mm³]	34.3	35.4	22.4	30.0	30.5	5.93	19.4

Probe:	1	2	3	4	Mean	SD	CV [%]
K Mean³⁾	19.9	18.0	22.2	22.1	20.6	1.99	9.68
SD	2.50	2.35	0.85	2.11			
CV [%]	12.6	13.0	3.80	9.53			
%iAUD⁴⁾	95.3	94.0	95.3	95.3	95.0	0.67	0.67

For the legend, see T 11

T 14: Microdialysis data MAB2.14.4 probe (PES, 35 kDa) and ¹⁴C-ZK 975

Sample	Phase A	Recovery ¹⁴ C-ZK 975 [%]						
		1	2	3	4	Mean	SD	CV [%]
1	Phase A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2	Phase A	0	0	0	0	0	0	N/A
3	Phase A	13.8	8.55	5.66	13.3	10.3	3.91	37.9
4	Phase A	22.9	20.9	15.6	24.9	21.1	4.02	19.1
5	Phase A	30.2	31.6	22.4	33.6	29.4	4.89	16.6
6	Phase A	36.1	34.5	25.3	37.3	33.3	5.44	16.3
7	Phase A	37.2	36.8	30.5	41.7	36.5	4.58	12.5
8	Phase A	41.9	68.8	37.8	42.8	40.9	2.65	6.48
9	Phase A	46.9	40.8	41.7	48.7	44.5	3.85	8.65
10	Phase A	52.2	46.9	39.0	48.0	46.5	5.54	11.9
REC _A	Mean ¹⁾	44.5	41.5	37.3	45.3	42.2	3.65	8.66
	SD	6.49	5.11	4.78	3.58			
	CV [%]	14.6	12.3	12.8	7.89			

	K * 10 ⁻² [μL/min/mm ²]							
	1	2	3	4	Mean	SD	CV [%]	
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	0	0	0	0	0	0	N/A	
	3.93	2.37	1.55	3.80	2.91	1.15	39.6	
	6.89	6.22	4.49	7.61	6.31	1.33	21.2	
	9.55	10.1	6.72	10.8	9.29	1.79	19.3	
	11.9	11.2	7.74	12.4	10.8	2.10	19.4	
	12.3	12.2	9.67	14.3	12.1	1.90	15.7	
	14.4	14.2	12.6	14.8	13.9	1.17	8.42	
	16.8	13.9	14.3	17.7	15.7	1.85	11.8	
	19.6	16.8	13.1	17.4	16.7	2.70	16.1	
K_A	Mean ¹⁾	15.8	14.3	12.4	16.1	14.6	1.66	11.4
	SD	3.13	2.34	1.98	1.74			
	CV [%]	19.9	16.4	15.9	10.8			
%iAUD_A²⁾		67.8	67.7	64.0	70.2	67.4	2.54	3.77

Sample	Rinse A	Recovery ¹⁴ C-ZK 975 [%]						
		1	2	3	4	Mean	SD	CV [%]
11	Rinse A	47.9	47.5	41.3	47.0	45.9	3.09	6.72
12	Rinse A	39.7	42.6	40.5	45.1	42.0	2.42	5.76
13	Rinse A	29.1	31.2	32.2	31.8	31.1	1.39	4.48
14	Rinse A	23.3	25.2	25.8	23.9	24.5	1.15	4.70
15	Rinse A	16.5	19.9	19.3	18.4	18.5	1.49	8.06
16	Rinse A	13.7	16.1	13.0	13.5	14.1	1.37	9.76
17	Rinse A	11.9	13.3	12.2	12.1	12.4	0.59	4.76
18	Rinse A	9.10	10.4	11.3	10.2	10.3	0.91	8.87
19	Rinse A	9.52	8.78	10.3	7.02	8.91	1.41	15.8
20	Rinse A	7.26	8.39	5.61	6.98	7.06	1.14	16.2
Ae_A	[pmol/mm ³]	31.8	28.9	27.4	33.6	30.4	2.82	9.27

	K * 10 ⁻² [μL/min/mm ²]						
	1	2	3	4	Mean	SD	CV [%]
	17.3	17.1	14.2	16.8	16.3	1.48	9.03
	13.4	14.7	13.8	15.9	14.5	1.12	7.71
	9.12	9.92	10.3	10.1	9.87	0.53	5.39
	7.04	7.71	7.91	7.23	7.47	0.41	5.43
	4.78	5.89	5.70	5.38	5.44	0.48	8.89
	3.90	4.65	3.69	3.86	4.02	0.43	10.6
	3.37	3.77	3.47	3.43	3.51	0.18	5.10
	2.53	2.92	3.19	2.86	2.88	0.27	9.36
	2.65	2.44	2.89	1.93	2.48	0.41	16.5
	2.00	2.32	1.53	1.92	1.94	0.33	16.8

Sample	Phase B	Recovery ¹⁴ C-ZK 975 [%]						
		1	2	3	4	Mean	SD	CV [%]
21	Phase B	N/A	N/A	N/A	N/A	N/A	N/A	N/A
22	Phase B	11.6	6.98	5.42	9.62	8.40	2.73	32.5
23	Phase B	27.1	24.0	20.2	28.0	24.8	3.52	14.2
24	Phase B	33.8	32.8	26.5	36.0	32.3	4.10	12.7
25	Phase B	39.8	39.7	33.5	42.7	38.9	3.86	9.92
26	Phase B	43.2	41.6	35.1	44.7	41.2	4.21	10.2
27	Phase B	44.2	44.1	36.8	46.0	42.8	4.09	9.57
28	Phase B	45.7	43.4	36.9	46.3	43.1	4.29	9.97
29	Phase B	45.7	43.9	37.2	47.1	43.5	4.40	10.1
30	Phase B	47.2	44.0	37.8	47.5	44.1	4.50	10.2
REC _B	Mean ¹⁾	45.7	43.9	37.2	46.7	43.4	4.30	9.91
	SD	1.25	0.30	0.47	0.70			
	CV [%]	2.73	0.68	1.26	1.51			

	K * 10 ⁻² [μL/min/mm ²]							
	1	2	3	4	Mean	SD	CV [%]	
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	3.26	1.92	1.48	2.68	2.34	0.79	33.9	
	8.38	7.27	6.00	8.73	7.59	1.23	16.2	
	11.0	10.5	8.16	11.9	10.4	1.58	15.2	
	13.5	13.4	10.8	14.8	13.1	1.65	12.6	
	15.0	14.3	11.5	15.7	14.1	1.85	13.1	
	15.5	15.4	12.2	16.3	14.8	1.84	12.4	
	16.2	15.1	12.2	16.5	15.0	1.95	13.0	
	16.2	15.3	12.3	16.9	15.2	2.01	13.2	
	16.9	15.4	12.6	17.1	15.5	2.09	13.4	
K_B	Mean ¹⁾	16.2	15.3	12.3	16.7	15.1	1.96	12.9
	SD	0.61	0.14	0.20	0.35			
	CV [%]	3.76	0.92	1.61	2.10			
%iAUD_B²⁾		81.6	81.6	81.4	82.8	81.9	0.66	0.81

Sample	Rinse B	Recovery ¹⁴ C-ZK 975 [%]						
		1	2	3	4	Mean	SD	CV [%]
31	Rinse B	42.7	43.2	37.0	49.0	43.0	4.91	11.4
32	Rinse B	22.8	27.1	23.4	33.5	26.7	4.91	18.4
33	Rinse B	14.2	15.4	13.0	19.5	15.5	2.81	18.1
34	Rinse B	10.0	10.7	8.79	12.4	10.5	1.52	14.5
35	Rinse B	7.30	7.99	6.29	9.21	7.70	1.23	15.9
36	Rinse B	5.99	6.26	5.09	7.47	6.20	0.98	15.8
37	Rinse B	4.58	5.10	3.93	6.19	4.95	0.96	19.3
38	Rinse B	4.05	4.24	3.13	4.66	4.02	0.64	16.0
39	Rinse B	3.42	3.74	2.68	4.20	3.51	0.64	18.2
40	Rinse B	2.91	3.29	2.40	3.46	3.01	0.47	15.6
Ae_B	[pmol/mm ³]	186	174	156	226	186	29.8	16.1

	K * 10 ⁻² [μL/min/mm ²]						
	1	2	3	4	Mean	SD	CV [%]
	14.8	15.0	12.2	17.9	15.0	2.30	15.3
	6.85	8.37	7.07	10.8	8.27	1.82	21.9
	4.07	4.43	3.69	5.74	4.48	0.89	19.9
	2.81	2.99	2.44	3.52	2.94	0.45	15.4
	2.01	2.21	1.72	2.56	2.13	0.35	16.6
	1.64	1.72	1.39	2.06	1.70	0.28	16.3
	1.24	1.39	1.06	1.70	1.35	0.27	19.9
	1.10	1.15	0.84	1.27	1.09	0.18	16.3
	0.92	1.01	0.72	1.14	0.95	0.18	18.5
	0.78	0.89	0.64	0.93	0.81	0.13	15.8

Probe:	1	2	3	4	Mean	SD	CV [%]	
REC Mean ³⁾	45.1	46.1	37.2	46.0	43.6	4.29	9.83	
	SD	4.37	9.65	3.14	2.50			
	CV [%]	9.68	20.9	8.44	5.43			
Ae⁴⁾	[pmol/mm ³]	14.2	13.0	13.9	13.8	13.7	0.52	3.81

Probe:	1	2	3	4	Mean	SD	CV [%]	
K Mean³⁾	16.0	14.9	12.4	16.4	14.9	1.80	12.1	
	SD	2.10	1.46	1.30	1.21			
	CV [%]	13.2	9.83	10.5	7.38			
%iAUD⁴⁾	[%]	74.8	74.9	72.7	76.6	74.7	1.63	1.63

For the legend, see T 11

T 15: Microdialysis data MAB2.14.4 probe (PES, 35 kDa) and ¹⁴C-ZK 894

Sample	Phase A	Recovery ¹⁴ C-ZK 894 [%]						
		1	2	3	4	Mean	SD	CV [%]
1	Phase A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2	Phase A	37.0	44.9	38.9	42.7	40.9	3.60	8.81
3	Phase A	39.5	44.4	43.1	46.4	43.4	2.90	6.69
4	Phase A	40.6	47.8	48.4	48.3	46.3	3.82	8.25
5	Phase A	40.2	45.1	46.9	54.2	46.6	5.80	12.4
6	Phase A	40.6	46.8	48.6	47.2	45.8	3.56	7.78
7	Phase A	44.5	48.0	48.8	52.4	48.4	3.27	6.75
8	Phase A	43.9	50.8	48.4	50.5	48.4	3.17	6.56
9	Phase A	44.0	46.7	50.8	51.5	48.3	3.54	7.33
10	Phase A	41.4	47.7	49.5	53.2	48.0	4.91	10.2
REC _A	Mean ¹⁾	43.5	48.3	49.4	51.9	48.3	3.54	7.33
	SD	1.37	1.76	1.06	1.16			
	CV [%]	3.16	3.64	2.15	2.24			

		K * 10 ⁻² [μL/min/mm ²]						
		1	2	3	4	Mean	SD	CV [%]
		N/A	N/A	N/A	N/A	N/A	N/A	N/A
		12.2	15.8	13.1	14.8	14.0	1.62	11.6
		13.3	15.6	14.9	16.6	15.1	1.35	8.93
		13.8	17.2	17.6	17.5	16.5	1.82	11.0
		13.7	15.9	16.8	20.7	16.8	2.95	17.6
		13.8	16.7	17.7	16.9	16.3	1.70	10.4
		15.6	17.3	17.8	19.7	17.6	1.69	9.58
		15.3	18.8	17.6	18.7	17.6	1.60	9.09
		15.4	16.7	18.8	19.2	17.5	1.80	10.3
		14.2	17.2	18.1	20.1	17.4	2.47	14.2
K _A	Mean ¹⁾	15.1	17.5	18.1	19.4	17.5	1.79	10.2
	SD	0.64	0.91	0.56	0.64			
	CV [%]	4.21	5.21	3.10	3.29			
	%iAUD _A ²⁾ [%]	94.3	96.2	94.6	94.5	94.9	0.89	0.93

Sample	Rinse A	Recovery ¹⁴ C-ZK 894 [%]						
		1	2	3	4	Mean	SD	CV [%]
11	Rinse A	34.9	42.2	47.1	47.4	42.9	5.87	13.7
12	Rinse A	6.32	6.43	9.69	7.82	7.57	1.57	20.8
13	Rinse A	2.85	0	3.25	0	2.03	1.77	87.2
14	Rinse A	4.13	0	2.90	0	1.76	2.09	119
15	Rinse A	0	0	0	0	0	0	N/A
16	Rinse A	0	0	8.41	0	2.10	4.21	200
17	Rinse A	0	0	0	0	0	0	N/A
18	Rinse A	0	0	0	0	0	0	N/A
19	Rinse A	0	0	0	0	0	0	N/A
20	Rinse A	0	0	0	0	0	0	N/A
Ae _A [pmol/mm ³]		4.66	3.53	7.29	3.87	4.84	1.70	35.2

		K * 10 ⁻² [μL/min/mm ²]						
		1	2	3	4	Mean	SD	CV [%]
		11.4	14.5	16.9	17.0	15.0	2.66	17.8
		1.73	1.76	2.70	2.16	2.09	0.45	21.7
		0.77	0	0.88	0	0.55	0.48	87.2
		1.12	0	0.78	0	0.47	0.56	119
		0	0	0	0	0	0	N/A
		0	0	2.33	0	0.58	1.17	200
		0	0	0	0	0	0	N/A
		0	0	0	0	0	0	N/A
		0	0	0	0	0	0	N/A
		0	0	0	0	0	0	N/A
		0	0	0	0	0	0	N/A

Sample	Phase B	Recovery ¹⁴ C-ZK 894 [%]						
		1	2	3	4	Mean	SD	CV [%]
21	Phase B	N/A	N/A	N/A	N/A	N/A	N/A	N/A
22	Phase B	33.6	39.6	47.6	39.3	40.0	5.76	14.4
23	Phase B	34.3	43.3	50.4	41.6	42.4	6.61	15.6
24	Phase B	35.0	43.0	52.3	41.6	43.0	7.15	16.6
25	Phase B	34.7	42.6	50.9	41.1	42.3	6.67	15.7
26	Phase B	35.0	42.6	51.4	41.6	42.6	6.74	15.8
27	Phase B	34.5	43.2	51.1	41.5	42.6	6.83	16.0
28	Phase B	35.0	42.6	51.5	39.9	42.2	6.92	16.4
29	Phase B	35.9	44.2	53.3	42.0	43.9	7.21	16.4
30	Phase B	35.8	43.3	52.0	42.5	43.4	6.66	15.3
REC _B	Mean ¹⁾	35.3	43.3	52.0	41.5	43.0	6.89	16.0
	SD	0.66	0.66	0.95	1.12			
	CV [%]	1.87	1.53	1.83	2.71			

		K * 10 ⁻² [μL/min/mm ²]						
		1	2	3	4	Mean	SD	CV [%]
		N/A	N/A	N/A	N/A	N/A	N/A	N/A
		10.8	13.4	17.1	13.2	13.7	2.60	19.0
		11.2	15.0	18.6	14.3	14.8	3.06	20.8
		11.4	14.9	19.7	14.3	15.1	3.42	22.7
		11.3	14.7	18.9	14.0	14.7	3.13	21.2
		11.4	14.7	19.1	14.3	14.9	3.19	21.4
		11.2	15.0	19.0	14.2	14.9	3.20	21.5
		11.4	14.7	19.2	13.5	14.7	3.28	22.3
		11.8	15.5	20.2	14.5	15.5	3.51	22.7
		11.8	15.1	19.5	14.7	15.2	3.19	20.9
K _B	Mean ¹⁾	11.6	15.1	19.5	14.2	15.1	3.29	21.8
	SD	0.27	0.31	0.53	0.51			
	CV [%]	2.34	2.06	2.72	3.56			
	%iAUD _B ²⁾ [%]	98.5	98.6	98.2	99.3	98.7	0.47	0.48

Sample	Rinse B	Recovery ¹⁴ C-ZK 894 [%]						
		1	2	3	4	Mean	SD	CV [%]
31	Rinse B	26.0	33.7	41.4	33.2	33.6	6.27	18.7
32	Rinse B	1.90	1.85	3.98	2.41	2.54	1.00	39.3
33	Rinse B	0.61	0.73	1.22	0.89	0.86	0.26	30.6
34	Rinse B	0.37	0.41	0.76	0.50	0.51	0.18	34.4
35	Rinse B	0.33	0.25	0.54	0.38	0.37	0.12	32.4
36	Rinse B	0	0	0.38	0	0.10	0.19	200
37	Rinse B	0.23	0	0.33	0.49	0.26	0.20	77.8
38	Rinse B	0	0	0	0.35	0.09	0.17	200
39	Rinse B	0	0	0.25	0	0.06	0.13	200
40	Rinse B	0	0	0	0	0	0	N/A
Ae _B [pmol/mm ³]		20.8	26.9	34.8	28.2	27.7	5.74	20.7

		K * 10 ⁻² [μL/min/mm ²]						
		1	2	3	4	Mean	SD	CV [%]
		8.00	10.9	14.2	10.7	10.9	2.53	23.1
		0.51	0.49	1.08	0.65	0.68	0.27	39.9
		0.16	0.19	0.33	0.24	0.23	0.07	30.7
		0.10	0.11	0.20	0.13	0.14	0.05	34.5
		0.09	0.07	0.14	0.10	0.10	0.03	32.4
		0	0	0.10	0	0.03	0.05	200
		0.06	0	0.09	0.13	0.07	0.05	77.9
		0	0	0	0.09	0.02	0.05	200
		0	0	0.07	0	0.02	0.03	200
		0	0	0	0	0	0	N/A

Probe:	1	2	3	4	Mean	SD	CV [%]
REC Mean ³⁾	39.4	45.8	50.7	46.7	45.6	4.69	10.3
SD	4.46	2.94	1.67	5.67			
CV [%]	11.3	6.41	3.29	12.1			
Ae ⁴⁾ [pmol/mm ³]	2.68	0.84	4.55	0.53	2.15	1.86	86.6

Probe:	1	2	3	4	Mean	SD	CV [%]
K Mean ³⁾	13.3	16.3	18.8	16.8	16.3	2.25	13.8
SD	1.96	1.46	0.90	2.83			
CV [%]	14.7	8.94	4.79	16.8			
%iAUD ⁴⁾ [%]	96.2	97.3	96.5	96.5	96.6	0.49	0.49

For the legend, see T 11

T 16: Microdialysis data BR-4 probe (PAN, 20 kDa) and ¹⁴C-ZK 975

Sample	Phase A	Recovery ¹⁴ C-ZK 975 [%]						
		1	2	3	4	Mean	SD	CV [%]
1	Phase A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2	Phase A	9.64	7.39	6.95	8.16	8.03	1.18	N/A
3	Phase A	15.2	11.0	8.42	14.7	12.3	3.22	26.1
4	Phase A	18.1	12.7	12.2	17.8	15.2	3.19	21.0
5	Phase A	19.1	15.1	15.2	18.9	17.1	2.23	13.0
6	Phase A	20.8	17.4	13.3	20.2	17.9	3.42	19.1
7	Phase A	21.7	18.5	13.3	21.4	18.7	3.91	20.9
8	Phase A	23.1	18.1	15.3	22.1	19.6	3.63	18.5
9	Phase A	24.5	19.8	15.8	22.9	20.8	3.82	18.4
10	Phase A	25.7	20.0	16.5	24.8	21.7	4.30	19.8
REC_A	Mean¹⁾	23.7	19.1	15.2	22.8	20.2	3.89	19.3
	SD	1.72	0.95	1.39	1.46			
	CV [%]	7.26	4.95	9.12	6.38			

	K * 10⁻² [μL/min/mm²]							
	1	2	3	4	Mean	SD	CV [%]	
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	5.04	3.82	3.58	4.23	4.17	0.64	N/A	
	8.21	5.79	4.38	7.92	6.58	1.82	27.7	
	9.94	6.78	6.47	9.76	8.24	1.87	22.7	
	10.5	8.13	8.22	10.4	9.33	1.34	14.3	
	11.6	9.53	7.08	11.2	9.85	2.05	20.8	
	12.2	10.2	7.08	12.0	10.4	2.36	22.8	
	13.0	9.91	8.24	12.5	10.9	2.24	20.5	
	14.0	11.0	8.56	13.0	11.6	2.38	20.5	
	14.8	11.1	8.96	14.2	12.2	2.72	22.2	
K_A	Mean¹⁾	13.5	10.5	8.21	12.9	11.3	2.41	21.4
	SD	1.12	0.58	0.81	0.94			
	CV [%]	8.33	5.51	9.86	7.32			

Sample	Rinse A	Recovery ¹⁴ C-ZK 975 [%]						
		1	2	3	4	Mean	SD	CV [%]
11	Rinse A	22.2	21.4	17.2	24.0	21.2	2.87	13.5
12	Rinse A	16.4	15.9	13.0	17.6	15.7	1.96	12.5
13	Rinse A	13.5	10.2	8.04	10.0	10.4	2.27	21.8
14	Rinse A	4.76	7.85	6.18	7.40	6.55	1.38	21.2
15	Rinse A	5.12	6.34	5.12	4.32	5.23	0.83	16.0
16	Rinse A	3.93	5.47	4.88	4.34	4.66	0.67	14.3
17	Rinse A	2.70	4.35	3.98	2.94	3.49	0.80	22.9
18	Rinse A	1.14	3.84	3.24	2.90	2.78	1.16	41.7
19	Rinse A	3.02	2.80	2.89	2.18	2.72	0.37	13.6
20	Rinse A	1.68	2.68	2.51	0	1.72	1.22	71.3
Ac_A	[pmol/mm ³]	32.9	45.9	37.4	40.0	39.1	5.44	13.9

	K * 10⁻² [μL/min/mm²]							
	1	2	3	4	Mean	SD	CV [%]	
	12.5	12.0	9.42	13.7	11.9	1.79	15.1	
	8.89	8.64	6.90	9.61	8.51	1.15	13.5	
	7.23	5.33	4.17	5.27	5.50	1.27	23.1	
	2.43	4.07	3.17	3.82	3.37	0.74	21.8	
	2.62	3.26	2.62	2.19	2.67	0.44	16.4	
	2.00	2.80	2.49	2.21	2.37	0.35	14.7	
	1.36	2.21	2.02	1.48	1.77	0.41	23.3	
	0.57	1.95	1.64	1.47	1.41	0.59	42.0	
	1.52	1.41	1.46	1.10	1.37	0.19	13.8	
	0.84	1.35	1.27	0	0.86	0.62	71.4	
K_B	Mean¹⁾	11.1	10.0	7.37	11.2	9.93	1.78	18.0
	SD	0.31	0.34	0.21	0.16			
	CV [%]	2.81	3.39	2.79	1.38			

Sample	Phase B	Recovery ¹⁴ C-ZK 975 [%]						
		1	2	3	4	Mean	SD	CV [%]
21	Phase B	N/A	N/A	N/A	N/A	N/A	N/A	N/A
22	Phase B	11.9	8.62	5.73	9.06	8.83	2.54	28.7
23	Phase B	16.2	12.7	8.63	15.0	13.1	3.34	25.4
24	Phase B	18.1	14.7	10.3	17.5	15.2	3.54	23.3
25	Phase B	18.5	16.0	12.0	18.8	16.3	3.14	19.2
26	Phase B	19.4	16.9	12.7	19.6	17.2	3.20	18.6
27	Phase B	19.3	17.6	13.4	19.9	17.6	2.94	16.7
28	Phase B	20.1	18.0	13.6	20.4	18.0	3.16	17.5
29	Phase B	19.9	18.6	14.2	20.4	18.2	2.84	15.6
30	Phase B	20.5	18.9	14.0	20.1	18.4	3.00	16.3
REC_B	Mean¹⁾	19.9	18.3	13.8	20.2	18.0	2.98	16.5
	SD	0.50	0.56	0.36	0.25			
	CV [%]	2.51	3.06	2.59	1.23			

	K * 10⁻² [μL/min/mm²]							
	1	2	3	4	Mean	SD	CV [%]	
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	6.32	4.49	2.93	4.72	4.62	1.39	30.0	
	8.79	6.73	4.49	8.08	7.02	1.89	27.0	
	9.94	7.93	5.44	9.59	8.22	2.05	25.0	
	10.2	8.68	6.37	10.4	8.90	1.85	20.8	
	10.7	9.23	6.77	10.9	9.39	1.90	20.2	
	10.7	9.64	7.15	11.0	9.62	1.75	18.2	
	11.2	9.89	7.25	11.3	9.92	1.89	19.1	
	11.0	10.2	7.59	11.4	10.0	1.71	17.0	
	11.4	10.4	7.50	11.2	10.1	1.80	17.8	
K_B	Mean¹⁾	11.1	10.0	7.37	11.2	9.93	1.78	18.0
	SD	0.31	0.34	0.21	0.16			
	CV [%]	2.81	3.39	2.79	1.38			

Sample	Rinse B	Recovery ¹⁴ C-ZK 975 [%]						
		1	2	3	4	Mean	SD	CV [%]
31	Rinse B	19.5	18.7	13.8	20.9	18.2	3.08	16.9
32	Rinse B	11.2	12.2	9.56	13.9	11.7	1.81	15.5
33	Rinse B	8.85	8.93	6.91	8.71	8.35	0.97	11.6
34	Rinse B	4.45	6.11	5.11	5.20	5.22	0.68	13.1
35	Rinse B	2.91	4.69	4.02	3.71	3.83	0.74	19.3
36	Rinse B	2.08	3.96	3.26	2.79	3.02	0.79	26.2
37	Rinse B	1.50	3.23	2.74	2.06	2.38	0.76	31.9
38	Rinse B	1.34	2.77	2.46	1.74	2.08	0.65	31.4
39	Rinse B	1.58	2.36	2.30	1.33	1.89	0.51	27.2
40	Rinse B	1.95	1.88	1.97	1.04	1.71	0.45	26.1
Ac_B	[pmol/mm ³]	194	379	302	351	307	81.3	26.5

Probe:	Mean ³⁾	1	2	3	4	Mean	SD	CV [%]
		REC		21.8	18.7			
	SD	2.34	0.84	1.21	1.70			
	CV [%]	10.7	4.51	8.36	7.90			

	K * 10⁻² [μL/min/mm²]							
	1	2	3	4	Mean	SD	CV [%]	
	10.8	10.3	7.38	11.7	10.0	1.85	18.5	
	5.92	6.45	5.00	7.44	6.20	1.02	16.5	
	4.61	4.65	3.56	4.53	4.34	0.52	12.0	
	2.27	3.14	2.61	2.65	2.67	0.36	13.5	
	1.47	2.39	2.04	1.88	1.94	0.38	19.6	
	1.04	2.01	1.65	1.41	1.53	0.41	26.6	
	0.75	1.63	1.38	1.04	1.20	0.39	32.3	
	0.67	1.40	1.24	0.88	1.05	0.33	31.7	
	0.79	1.19	1.16	0.67	0.95	0.26	27.4	
	0.98	0.94	0.99	0.52	0.86	0.22	26.2	
K	Mean³⁾	12.3	10.3	7.79	12.1	10.6	2.08	19.6
	SD	1.50	0.52	0.71	1.09			
	CV [%]	12.2	5.02	9.08	9.01			

Ac ⁴⁾	[pmol/mm ³]	1	2	3	4	Mean	SD	CV [%]
		REC		11.5	9.56			

	K * 10⁻² [μL/min/mm²]						
	1	2	3	4	Mean	SD	CV [%]
	86.9	84.1	85.5	86.3	85.7	1.20	1.20
%iAUD⁴⁾					85.7	1.20	1.20

For the legend, see T 11

T 17: Microdialysis data BR-4 probe (PAN, 20 kDa) and ¹⁴C-ZK 894

Sample	Phase A	Recovery ¹⁴ C-ZK 894 [%]						
		1	2	3	4	Mean	SD	CV [%]
1	Phase A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2	Phase A	19.6	25.1	27.7	20.3	23.2	3.88	16.7
3	Phase A	22.8	29.5	28.3	22.7	25.8	3.59	13.9
4	Phase A	23.0	29.2	30.0	21.6	25.9	4.24	16.4
5	Phase A	24.1	31.1	30.6	22.4	27.1	4.47	16.5
6	Phase A	25.0	32.2	31.3	24.0	28.1	4.22	15.0
7	Phase A	23.9	29.6	30.7	22.7	26.7	4.03	15.1
8	Phase A	24.3	30.5	32.4	23.7	27.7	4.38	15.8
9	Phase A	24.0	30.4	32.8	24.0	27.8	4.53	16.3
10	Phase A	25.2	31.5	33.5	24.6	28.7	4.48	15.6
REC_A	Mean¹⁾	24.3	30.5	32.4	23.7	27.7	4.35	15.7
	SD	0.59	0.77	1.18	0.79			
	CV [%]	2.41	2.53	3.63	3.35			

	K * 10 ⁻² [µL/min/mm ²]							
	1	2	3	4	Mean	SD	CV [%]	
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
10.9	14.4	16.1	11.3	13.2	2.52	19.2		
12.9	17.4	16.6	12.8	14.9	2.42	16.2		
13.0	17.2	17.7	12.1	15.0	2.85	19.0		
13.7	18.6	18.2	12.6	15.8	3.05	19.3		
14.3	19.3	18.7	13.7	16.5	2.93	17.7		
13.6	17.5	18.3	12.8	15.5	2.74	17.6		
13.8	18.1	19.5	13.5	16.2	3.02	18.7		
13.6	18.1	19.8	13.6	16.3	3.14	19.3		
14.4	18.8	20.3	14.0	16.9	3.14	18.6		
K_A	Mean¹⁾	13.9	18.1	19.5	13.5	16.2	3.01	18.5
	SD	0.39	0.55	0.86	0.52			
	CV [%]	2.78	3.05	4.43	3.84			
%iAUD_A²⁾		97.0	98.5	94.4	96.2	96.5	1.71	1.77

Sample	Rinse A	Recovery ¹⁴ C-ZK 894 [%]						
		1	2	3	4	Mean	SD	CV [%]
11	Rinse A	19.3	22.4	24.7	17.9	21.1	3.05	14.5
12	Rinse A	4.00	5.02	4.71	3.51	4.31	0.68	15.8
13	Rinse A	0	0	0	0	0	0	N/A
14	Rinse A	0	0	0	0	0	0	N/A
15	Rinse A	0	0	0	0	0	0	N/A
16	Rinse A	0	0	0	0	0	0	N/A
17	Rinse A	0	0	0	0	0	0	N/A
18	Rinse A	0	0	0	0	0	0	N/A
19	Rinse A	0	0	0	0	0	0	N/A
20	Rinse A	0	0	0	0	0	0	N/A
A_{eA}	[pmol/mm³]	9.80	12.9	13.6	9.84	11.5	1.98	17.2

	K * 10 ⁻² [µL/min/mm ²]						
	1	2	3	4	Mean	SD	CV [%]
10.7	12.6	14.1	9.82	11.8	1.93	16.3	
2.03	2.56	2.40	1.78	2.19	0.35	16.1	
0	0	0	0	0	0	N/A	
0	0	0	0	0	0	N/A	
0	0	0	0	0	0	N/A	
0	0	0	0	0	0	N/A	
0	0	0	0	0	0	N/A	
0	0	0	0	0	0	N/A	
0	0	0	0	0	0	N/A	
0	0	0	0	0	0	N/A	
0	0	0	0	0	0	N/A	
0	0	0	0	0	0	N/A	
0	0	0	0	0	0	N/A	

Sample	Phase B	Recovery ¹⁴ C-ZK 894 [%]						
		1	2	3	4	Mean	SD	CV [%]
21	Phase B	N/A	N/A	N/A	N/A	N/A	N/A	N/A
22	Phase B	19.6	21.6	17.4	15.6	18.6	2.58	13.9
23	Phase B	22.7	28.8	24.5	22.5	24.6	2.93	11.9
24	Phase B	25.6	33.6	30.4	26.2	29.0	3.76	13.0
25	Phase B	27.7	35.6	34.0	28.2	31.4	4.03	12.8
26	Phase B	29.9	38.1	36.5	30.0	33.6	4.26	12.7
27	Phase B	30.8	39.0	37.8	30.6	34.6	4.50	13.0
28	Phase B	30.7	40.9	39.7	31.2	35.6	5.45	15.3
29	Phase B	32.6	41.6	40.4	31.8	36.6	5.11	14.0
30	Phase B	33.0	42.6	41.8	32.8	37.5	5.38	14.3
REC_B	Mean¹⁾	31.7	41.0	39.9	31.6	36.1	5.10	14.2
	SD	1.19	1.49	1.63	0.93			
	CV [%]	3.75	3.64	4.09	2.95			

	K * 10 ⁻² [µL/min/mm ²]							
	1	2	3	4	Mean	SD	CV [%]	
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
10.8	12.1	9.54	8.46	10.2	1.58	15.4		
12.8	16.9	14.0	12.7	14.1	1.96	13.9		
14.7	20.4	18.1	15.1	17.1	2.66	15.6		
16.1	21.9	20.7	16.5	18.8	2.93	15.6		
17.7	23.8	22.6	17.8	20.5	3.21	15.7		
18.3	24.6	23.6	18.2	21.2	3.43	16.2		
18.2	26.2	25.1	18.6	22.0	4.22	19.1		
19.6	26.7	25.7	19.0	22.8	4.02	17.6		
19.9	27.6	26.9	19.8	23.5	4.29	18.2		
K_B	Mean¹⁾	19.0	26.3	25.3	18.9	22.4	3.99	17.8
	SD	0.87	1.25	1.35	0.68			
	CV [%]	4.57	4.77	5.32	3.60			
%iAUD_B²⁾		87.4	85.8	82.9	87.3	85.8	2.10	2.44

Sample	Rinse B	Recovery ¹⁴ C-ZK 894 [%]						
		1	2	3	4	Mean	SD	CV [%]
31	Rinse B	33.2	44.2	49.1	44.2	42.7	6.72	15.7
32	Rinse B	22.1	34.0	40.5	28.3	31.2	7.87	25.2
33	Rinse B	14.9	18.9	23.5	14.8	18.0	4.10	22.8
34	Rinse B	9.87	10.6	12.8	7.22	10.1	2.30	22.8
35	Rinse B	6.40	6.01	6.99	3.97	5.84	1.31	22.4
36	Rinse B	4.75	3.70	4.20	2.42	3.77	1.00	26.5
37	Rinse B	3.20	2.60	2.52	1.67	2.50	0.63	25.2
38	Rinse B	2.23	1.66	1.91	1.25	1.76	0.41	23.4
39	Rinse B	1.67	1.31	1.49	1.01	1.37	0.28	20.4
40	Rinse B	1.13	1.04	1.21	0.92	1.08	0.12	11.4
A_{eB}	[pmol/mm³]	690	907	1075	775	862	168	19.5

	K * 10 ⁻² [µL/min/mm ²]						
	1	2	3	4	Mean	SD	CV [%]
20.1	29.1	33.6	29.0	27.9	5.66	20.3	
12.4	20.6	25.8	16.5	18.9	5.74	30.4	
8.03	10.4	13.3	7.97	9.94	2.52	25.4	
5.17	5.56	6.82	3.73	5.32	1.27	24.0	
3.29	3.08	3.60	2.02	3.00	0.69	23.0	
2.42	1.88	2.14	1.22	1.91	0.51	26.9	
1.62	1.31	1.27	0.84	1.26	0.32	25.4	
1.12	0.83	0.96	0.63	0.89	0.21	23.6	
0.84	0.66	0.75	0.51	0.69	0.14	20.6	
0.57	0.52	0.60	0.46	0.54	0.06	11.4	

Probe:	1	2	3	4	Mean	SD	CV [%]	
REC	Mean³⁾	28.0	35.8	36.1	27.7	31.9	4.68	14.7
	SD	4.06	5.74	4.24	4.28			
	CV [%]	14.5	16.0	11.7	15.5			
A_e⁴⁾	[pmol/mm³]	0	0	0	0	0	0	N/A

Probe:	1	2	3	4	Mean	SD	CV [%]	
K	Mean³⁾	16.4	22.2	22.4	16.2	19.3	3.46	17.9
	SD	2.82	4.47	3.32	2.95			
	CV [%]	17.1	20.1	14.8	18.2			
%iAUD⁴⁾		91.4	91.0	87.9	91.0	90.3	1.64	1.64

For the legend, see T 11

T 18: Microdialysis data MAB 4.15.4.Cu probe (Cu, 6 kDa) and ¹⁴C-ZK 975

Sample	Phase A	Recovery ¹⁴ C-ZK 975 [%]						
		1	2	3	4	Mean	SD	CV [%]
1	Phase A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2	Phase A	13.9	14.9	15.9	12.1	14.2	1.61	N/A
3	Phase A	14.3	16.5	18.0	12.9	15.4	2.25	14.6
4	Phase A	16.5	12.9	17.0	12.9	14.8	2.23	15.1
5	Phase A	15.7	14.5	17.2	12.5	15.0	1.98	13.2
6	Phase A	15.9	15.4	17.4	13.6	15.6	1.55	9.98
7	Phase A	15.6	14.1	17.1	13.5	15.1	1.60	10.6
8	Phase A	14.0	16.2	16.8	13.9	15.2	1.49	9.76
9	Phase A	16.2	15.8	16.9	13.0	15.5	1.68	10.9
10	Phase A	15.9	15.9	16.6	13.2	15.4	1.49	9.67
REC_A	Mean¹⁾	15.4	15.5	16.8	13.4	15.3	1.40	9.18
	SD	0.98	0.97	0.19	0.38			
	CV [%]	6.35	6.25	1.14	2.80			

		K * 10 ⁻² [µL/min/mm ²]						
		1	2	3	4	Mean	SD	CV [%]
		N/A	N/A	N/A	N/A	N/A	N/A	N/A
		9.91	10.7	11.5	8.56	10.2	1.24	N/A
		10.2	11.9	13.1	9.14	11.1	1.76	15.9
		11.9	9.13	12.3	9.16	10.6	1.74	16.3
		11.3	10.4	12.5	8.87	10.8	1.54	14.3
		11.5	11.1	12.6	9.68	11.2	1.22	10.9
		11.2	10.0	12.4	9.61	10.8	1.25	11.6
		9.98	11.7	12.2	9.92	10.9	1.16	10.6
		11.7	11.4	12.2	9.26	11.1	1.31	11.7
		11.5	11.5	12.0	9.40	11.1	1.16	10.4
K_A	Mean¹⁾	11.1	11.2	12.2	9.55	11.0	1.09	9.95
	SD	0.76	0.76	0.15	0.29			
	CV [%]	6.88	6.77	1.26	3.01			
	%iAUD_A²⁾	99.8	97.1	102	97.7	99.0	2.03	2.05

Sample	Rinse A	Recovery ¹⁴ C-ZK 975 [%]						
		1	2	3	4	Mean	SD	CV [%]
11	Rinse A	12.8	12.0	13.7	11.7	12.5	0.93	7.38
12	Rinse A	0	2.32	2.09	2.58	1.75	1.18	67.6
13	Rinse A	0	0	0	0	0	0	N/A
14	Rinse A	0	0	0	0	0	0	N/A
15	Rinse A	0	0	0	0	0	0	N/A
16	Rinse A	0	0	0	0	0	0	N/A
17	Rinse A	0	0	0	0	0	0	N/A
18	Rinse A	0	0	0	0	0	0	N/A
19	Rinse A	0	0	0	0	0	0	N/A
20	Rinse A	0	0	0	0	0	0	N/A
Ae_A	[pmol/mm³]	5.68	7.58	8.39	8.67	7.58	1.35	17.8

		K * 10 ⁻² [µL/min/mm ²]						
		1	2	3	4	Mean	SD	CV [%]
		9.06	8.44	9.77	8.20	8.87	0.70	7.91
		0	1.56	1.40	1.73	1.17	0.79	67.7
		0	0	0	0	0	0	N/A
		0	0	0	0	0	0	N/A
		0	0	0	0	0	0	N/A
		0	0	0	0	0	0	N/A
		0	0	0	0	0	0	N/A
		0	0	0	0	0	0	N/A
		0	0	0	0	0	0	N/A
		0	0	0	0	0	0	N/A
	%iAUD_A²⁾	99.8	97.1	102	97.7	99.0	2.03	2.05

Sample	Phase B	Recovery ¹⁴ C-ZK 975 [%]						
		1	2	3	4	Mean	SD	CV [%]
21	Phase B	N/A	N/A	N/A	N/A	N/A	N/A	N/A
22	Phase B	12.6	11.7	14.2	11.0	12.4	1.35	10.9
23	Phase B	13.4	12.4	15.0	11.8	13.2	1.41	10.7
24	Phase B	13.5	12.9	15.1	12.3	13.4	1.19	8.84
25	Phase B	13.6	12.7	15.3	12.2	13.4	1.34	9.95
26	Phase B	13.7	12.1	15.4	11.9	13.3	1.62	12.2
27	Phase B	13.5	12.6	15.2	12.3	13.4	1.31	9.77
28	Phase B	13.7	11.9	15.2	12.0	13.2	1.56	11.8
29	Phase B	14.0	12.0	14.7	11.7	13.1	1.47	11.2
30	Phase B	13.8	12.2	14.7	11.7	13.1	1.40	10.7
REC_B	Mean¹⁾	13.7	12.2	15.0	11.9	13.2	1.42	10.8
	SD	0.22	0.33	0.28	0.27			
	CV [%]	1.62	2.69	1.86	2.29			

		K * 10 ⁻² [µL/min/mm ²]						
		1	2	3	4	Mean	SD	CV [%]
		8.91	8.24	10.1	7.74	8.75	1.03	11.7
		9.49	8.74	10.8	8.35	9.35	1.08	11.5
		9.60	9.17	10.8	8.68	9.57	0.91	9.54
		9.65	9.02	11.0	8.61	9.56	1.03	10.7
		9.75	8.53	11.1	8.42	9.44	1.25	13.2
		9.58	8.95	10.9	8.67	9.53	1.00	10.5
		9.78	8.38	10.9	8.47	9.38	1.20	12.8
		10.00	8.49	10.5	8.23	9.31	1.12	12.1
		9.81	8.59	10.6	8.26	9.30	1.07	11.5
K_B	Mean¹⁾	9.79	8.60	10.7	8.41	9.38	1.09	11.6
	SD	0.17	0.25	0.22	0.21			
	CV [%]	1.74	2.87	2.02	2.45			
	%iAUD_B²⁾	98.6	101	101	100	100	1.16	1.16

Sample	Rinse B	Recovery ¹⁴ C-ZK 975 [%]						
		1	2	3	4	Mean	SD	CV [%]
31	Rinse B	8.98	7.99	11.2	9.13	9.33	1.36	14.6
32	Rinse B	1.15	1.13	1.47	1.31	1.27	0.16	12.3
33	Rinse B	0.53	0.48	0.52	0.53	0.52	0.02	4.63
34	Rinse B	0.44	0.35	0.38	0.36	0.38	0.04	11.2
35	Rinse B	0.44	0	0.27	0.21	0.23	0.18	78.8
36	Rinse B	0	0	0	0	0	0	N/A
37	Rinse B	0	0	0	0	0	0	N/A
38	Rinse B	0	0	0.30	0	0.08	0.15	200
39	Rinse B	0	0	0	0	0	0	N/A
40	Rinse B	0	0	0	0	0	0	N/A
Ae_B	[pmol/mm³]	55.7	51.2	80.8	68.9	64.1	13.4	20.9

		K * 10 ⁻² [µL/min/mm ²]						
		1	2	3	4	Mean	SD	CV [%]
		6.23	5.52	7.89	6.34	6.49	1.00	15.4
		0.77	0.75	0.98	0.87	0.84	0.10	12.4
		0.35	0.32	0.35	0.35	0.34	0.02	4.64
		0.29	0.23	0.25	0.24	0.25	0.03	11.2
		0.29	0	0.18	0.14	0.15	0.12	78.8
		0	0	0	0	0	0	N/A
		0	0	0	0	0	0	N/A
		0	0	0.20	0	0.05	0.10	200
		0	0	0	0	0	0	N/A
		0	0	0	0	0	0	N/A
	%iAUD_B²⁾	98.6	101	101	100	100	1.16	1.16

Probe:		Recovery ¹⁴ C-ZK 975 [%]						
		1	2	3	4	Mean	SD	CV [%]
REC	Mean³⁾	14.6	13.8	15.9	12.7	14.2	1.35	9.47
	SD	1.11	1.90	1.03	0.86			
	CV [%]	7.63	13.7	6.46	6.78			
Ae⁴⁾	[pmol/mm³]	0	1.61	0	1.55	0.79	0.91	116

	Probe:	K * 10 ⁻² [µL/min/mm ²]						
		1	2	3	4	Mean	SD	CV [%]
K	Mean³⁾	10.4	9.88	11.5	8.98	10.2	1.04	10.2
	SD	0.87	1.46	0.81	0.65			
	CV [%]	8.29	14.8	7.05	7.26			
	%iAUD⁴⁾	99.2	98.9	101	98.9	99.5	1.06	1.06

For the legend, see T 11

T 19: Microdialysis data MAB 4.15.4.Cu probe (Cu, 6 kDa) and ¹⁴C-ZK 894

Sample	Phase A	Recovery ¹⁴ C-ZK 894 [%]						
		1	2	3	4	Mean	SD	CV [%]
1	Phase A	N/A	N/A	N/A	N/S	N/A	N/A	N/A
2	Phase A	12.7	15.6	13.7	N/S	14.0	1.44	10.3
3	Phase A	13.6	15.2	13.9	N/S	14.2	0.84	5.89
4	Phase A	12.2	16.2	14.0	N/S	14.1	2.02	14.3
5	Phase A	15.3	15.2	16.1	N/S	15.5	0.50	3.23
6	Phase A	15.9	16.4	14.2	N/S	15.5	1.15	7.43
7	Phase A	13.2	17.2	14.0	N/S	14.8	2.16	14.6
8	Phase A	12.2	15.2	13.6	N/S	13.7	1.49	10.9
9	Phase A	12.7	16.3	13.8	N/S	14.3	1.83	12.9
10	Phase A	12.8	15.6	13.5	N/S	14.0	1.47	10.5
REC_A Mean¹⁾		12.7	16.1	13.7	N/A	14.2	1.73	12.2
SD		0.40	0.91	0.22	N/A			
CV [%]		3.18	5.63	1.61	N/A			

Sample	Rinse A	Recovery ¹⁴ C-ZK 894 [%]						
		1	2	3	4	Mean	SD	CV [%]
11	Rinse A	5.60	8.53	8.65	N/S	7.59	1.73	22.7
12	Rinse A	0	0	0	N/S	0	0	N/A
13	Rinse A	0	0	0	N/S	0	0	N/A
14	Rinse A	0	0	0	N/S	0	0	N/A
15	Rinse A	0	0	0	N/S	0	0	N/A
16	Rinse A	0	0	0	N/S	0	0	N/A
17	Rinse A	0	0	0	N/S	0	0	N/A
18	Rinse A	0	0	0	N/S	0	0	N/A
19	Rinse A	0	0	0	N/S	0	0	N/A
20	Rinse A	0	0	0	N/S	0	0	N/A
Ae_A [pmol/mm³]		0	1.55	2.81	N/A	1.45	1.41	96.9

Sample	Phase B	Recovery ¹⁴ C-ZK 894 [%]						
		1	2	3	4	Mean	SD	CV [%]
21	Phase B	N/A	N/A	N/A	N/S	N/A	N/A	N/A
22	Phase B	15.2	17.6	15.5	N/S	16.1	1.30	8.06
23	Phase B	15.0	17.5	15.7	N/S	16.1	1.34	8.36
24	Phase B	15.3	17.5	15.8	N/S	16.2	1.19	7.35
25	Phase B	15.3	17.3	16.5	N/S	16.4	1.01	6.17
26	Phase B	15.3	17.5	15.8	N/S	16.2	1.18	7.28
27	Phase B	14.6	17.7	16.1	N/S	16.1	1.52	9.44
28	Phase B	15.2	17.3	15.9	N/S	16.1	1.04	6.43
29	Phase B	15.6	18.1	16.2	N/S	16.6	1.28	7.70
30	Phase B	15.4	17.5	16.3	N/S	16.4	1.08	6.55
REC_B Mean¹⁾		15.2	17.6	16.1	N/A	16.3	1.22	7.48
SD		0.43	0.33	0.20	N/A			
CV [%]		2.82	1.88	1.23	N/A			

Sample	Rinse B	Recovery ¹⁴ C-ZK 894 [%]						
		1	2	3	4	Mean	SD	CV [%]
31	Rinse B	7.11	9.30	9.46	N/S	8.62	1.31	15.2
32	Rinse B	0.25	0.52	0.48	N/S	0.42	0.15	35.5
33	Rinse B	0	0	0	N/S	0	0	N/A
34	Rinse B	0	0	0	N/S	0	0	N/A
35	Rinse B	0	0	0	N/S	0	0	N/A
36	Rinse B	0	0	0	N/S	0	0	N/A
37	Rinse B	0	0	0	N/S	0	0	N/A
38	Rinse B	0	0	0	N/S	0	0	N/A
39	Rinse B	0	0	0	N/S	0	0	N/A
40	Rinse B	0	0	0	N/S	0	0	N/A
Ae_B [pmol/mm³]		5.56	23.2	29.5	N/A	19.4	12.4	63.9

Probe:	Recovery ¹⁴ C-ZK 894 [%]						
	1	2	3	4	Mean	SD	CV [%]
REC Mean³⁾	14.0	16.9	14.9	N/A	15.2	1.47	9.65
SD	1.39	1.05	1.31	N/A			
CV [%]	9.98	6.20	8.76	N/A			
Ae⁴⁾ [pmol/mm³]	0	0	0.49	N/A	0.16	0.29	173

Sample	Phase A	K * 10 ⁻² [µL/min/mm ²]						
		1	2	3	4	Mean	SD	CV [%]
1	Phase A	N/A	N/A	N/A	N/S	N/A	N/A	N/A
2	Phase A	9.01	11.2	9.73	N/S	9.98	1.11	11.2
3	Phase A	9.68	10.9	9.92	N/S	10.2	0.65	6.38
4	Phase A	8.62	11.7	9.98	N/S	10.1	1.56	15.4
5	Phase A	11.0	10.9	11.6	N/S	11.1	0.39	3.52
6	Phase A	11.5	11.9	10.2	N/S	11.2	0.90	8.06
7	Phase A	9.35	12.5	9.97	N/S	10.6	1.69	15.9
8	Phase A	8.61	10.9	9.71	N/S	9.74	1.14	11.8
9	Phase A	8.99	11.8	9.84	N/S	10.2	1.42	13.9
10	Phase A	9.06	11.2	9.57	N/S	9.96	1.13	11.4
K_A Mean¹⁾		9.00	11.6	9.77	N/A	10.1	1.34	13.2
SD		0.31	0.72	0.17	N/A			
CV [%]		3.41	6.17	1.74	N/A			
%iAUD_A²⁾ [%]		107	98.9	103	N/A	103	3.86	3.75

Sample	Rinse A	K * 10 ⁻² [µL/min/mm ²]						
		1	2	3	4	Mean	SD	CV [%]
11	Rinse A	3.82	5.91	5.99	N/S	5.24	1.23	23.5
12	Rinse A	0	0	0	N/S	0	0	N/A
13	Rinse A	0	0	0	N/S	0	0	N/A
14	Rinse A	0	0	0	N/S	0	0	N/A
15	Rinse A	0	0	0	N/S	0	0	N/A
16	Rinse A	0	0	0	N/S	0	0	N/A
17	Rinse A	0	0	0	N/S	0	0	N/A
18	Rinse A	0	0	0	N/S	0	0	N/A
19	Rinse A	0	0	0	N/S	0	0	N/A
20	Rinse A	0	0	0	N/S	0	0	N/A

Sample	Phase B	K * 10 ⁻² [µL/min/mm ²]						
		1	2	3	4	Mean	SD	CV [%]
21	Phase B	N/A	N/A	N/A	N/S	N/A	N/A	N/A
22	Phase B	10.9	12.8	11.2	N/S	11.7	1.03	8.84
23	Phase B	10.7	12.8	11.3	N/S	11.6	1.06	9.16
24	Phase B	11.0	12.8	11.4	N/S	11.7	0.94	8.06
25	Phase B	11.0	12.6	11.9	N/S	11.8	0.80	6.75
26	Phase B	11.0	12.8	11.4	N/S	11.7	0.94	7.99
27	Phase B	10.5	12.9	11.7	N/S	11.7	1.20	10.3
28	Phase B	11.0	12.6	11.4	N/S	11.6	0.82	7.05
29	Phase B	11.2	13.2	11.7	N/S	12.0	1.02	8.46
30	Phase B	11.1	12.8	11.8	N/S	11.9	0.85	7.18
K_B Mean¹⁾		10.9	12.8	11.7	N/A	11.8	0.97	8.19
SD		0.33	0.27	0.16	N/A			
CV [%]		3.06	2.07	1.34	N/A			
%iAUD_B²⁾ [%]		99.9	99.6	99.0	N/A	99.5	0.47	0.47

Sample	Rinse B	K * 10 ⁻² [µL/min/mm ²]						
		1	2	3	4	Mean	SD	CV [%]
31	Rinse B	4.88	6.46	6.58	N/S	5.98	0.95	15.9
32	Rinse B	0.16	0.35	0.32	N/S	0.28	0.10	35.6
33	Rinse B	0	0	0	N/S	0	0	N/A
34	Rinse B	0	0	0	N/S	0	0	N/A
35	Rinse B	0	0	0	N/S	0	0	N/A
36	Rinse B	0	0	0	N/S	0	0	N/A
37	Rinse B	0	0	0	N/S	0	0	N/A
38	Rinse B	0	0	0	N/S	0	0	N/A
39	Rinse B	0	0	0	N/S	0	0	N/A
40	Rinse B	0	0	0	N/S	0	0	N/A

Probe:	K * 10 ⁻² [µL/min/mm ²]						
	1	2	3	4	Mean	SD	CV [%]
K Mean³⁾	9.97	12.2	10.7	N/A	11.0	1.15	10.5
SD	1.07	0.83	1.02	N/A			
CV [%]	10.8	6.79	9.50	N/A			
%iAUD⁴⁾ [%]	103	99.2	101	N/A	101	1.82	1.82

For the legend, see T 11

T 20: Microdialysis data MBR-4-10 probe (Cell, 38 kDa) and ¹⁴C-ZK 975

Sample	Phase A	Recovery ¹⁴ C-ZK 975 [%]						Mean	SD	CV [%]
		1	2	3	4	5	6			
1	Phase A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
2	Phase A	22.1	18.9	17.5	21.5	26.3	20.4	21.1	3.06	N/A
3	Phase A	23.4	20.7	19.5	22.3	21.3	22.8	21.7	1.47	6.77
4	Phase A	28.5	20.7	18.6	23.1	21.6	22.4	22.5	3.33	14.8
5	Phase A	24.4	21.6	19.2	22.5	20.8	23.0	21.9	1.82	8.32
6	Phase A	23.8	20.9	18.9	22.1	20.8	23.2	21.6	1.77	8.18
7	Phase A	24.8	20.8	18.6	22.2	22.7	22.1	21.9	2.05	9.38
8	Phase A	25.4	21.3	19.7	23.7	21.9	22.8	22.5	2.01	8.93
9	Phase A	24.3	21.8	17.5	22.5	23.1	23.0	22.0	2.37	10.8
10	Phase A	24.5	20.6	19.2	23.6	23.5	22.5	22.3	2.02	9.07
REC _A	Mean ¹⁾	24.8	21.1	18.8	23.0	22.8	22.6	22.2	2.04	9.21
	SD	0.49	0.52	0.94	0.74	0.68	0.38			
	CV [%]	1.99	2.48	5.00	3.23	2.99	1.67			

	1	2	3	4	5	6	K * 10 ⁻² [μL/min/mm ²]			
							Mean	SD	CV [%]	
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
18.1	15.2	14.0	17.5	22.1	16.5	17.2	2.84	N/A		
19.4	16.8	15.7	18.3	17.4	18.8	17.7	1.35	7.64		
24.3	16.8	14.9	19.0	17.6	18.4	18.5	3.17	17.1		
20.3	17.7	15.4	18.5	16.9	18.9	17.9	1.69	9.41		
19.7	17.0	15.2	18.1	16.9	19.1	17.7	1.63	9.23		
20.6	16.9	14.9	18.2	18.7	18.1	17.9	1.90	10.6		
21.3	17.3	15.9	19.6	17.9	18.8	18.5	1.88	10.2		
20.2	17.8	13.9	18.5	19.0	18.9	18.1	2.16	12.0		
20.4	16.7	15.5	19.5	19.4	18.5	18.3	1.88	10.2		
K _A	Mean ¹⁾	20.6	17.2	15.1	19.0	18.7	18.6	18.2	1.89	10.4
	SD	0.48	0.48	0.83	0.70	0.64	0.35			
	CV [%]	2.31	2.80	5.54	3.69	3.40	1.90			
%iAUD _A ²⁾	100	99.1	100	98.1	96.8	99.9	99.0	1.36	1.37	

Sample	Rinse A	Recovery ¹⁴ C-ZK 975 [%]						Mean	SD	CV [%]
		1	2	3	4	5	6			
11	Rinse A	10.4	14.2	9.47	13.8	15.9	15.3	13.2	2.63	20.0
12	Rinse A	0	0	0	0	0	0	0	0	N/A
13	Rinse A	0	0	0	0	0	0	0	0	N/A
14	Rinse A	2.09	0	0	0	0	0	0.35	0.85	245
15	Rinse A	0	0	0	0	0	0	0	0	N/A
16	Rinse A	0	0	0	0	0	0	0	0	N/A
17	Rinse A	0	0	0	0	0	0	0	0	N/A
18	Rinse A	0	0	0	0	0	0	0	0	N/A
19	Rinse A	0	0	0	0	0	0	0	0	N/A
20	Rinse A	0	0	0	0	0	0	0	0	N/A
Ae _A	[pmol/mm ³]	0	7.37	0	0	74.8	75.4	26.2	37.9	144

	1	2	3	4	5	6	K * 10 ⁻² [μL/min/mm ²]		
							Mean	SD	CV [%]
7.97	11.1	7.21	10.7	12.5	12.0	10.3	2.18	21.3	
0	0	0	0	0	0	0	0	N/A	
0	0	0	0	0	0	0	0	N/A	
1.53	0	0	0	0	0	0.26	0.63	245	
0	0	0	0	0	0	0	0	N/A	
0	0	0	0	0	0	0	0	N/A	
0	0	0	0	0	0	0	0	N/A	
0	0	0	0	0	0	0	0	N/A	
0	0	0	0	0	0	0	0	N/A	
0	0	0	0	0	0	0	0	N/A	
0	0	0	0	0	0	0	0	N/A	

Sample	Phase B	Recovery ¹⁴ C-ZK 975 [%]						Mean	SD	CV [%]
		1	2	3	4	5	6			
21	Phase B	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
22	Phase B	19.0	16.7	15.0	18.9	18.2	19.1	17.8	1.65	9.26
23	Phase B	20.1	18.1	15.6	19.6	18.5	19.8	18.6	1.67	8.97
24	Phase B	20.5	18.6	16.2	19.5	19.0	20.0	19.0	1.52	8.04
25	Phase B	20.5	17.9	16.0	19.6	19.0	19.8	18.8	1.64	8.74
26	Phase B	20.0	17.7	15.6	19.6	18.5	19.7	18.5	1.67	9.02
27	Phase B	20.0	17.3	15.4	19.2	18.1	19.5	18.3	1.72	9.42
28	Phase B	20.2	17.7	15.5	19.4	17.5	19.0	18.2	1.67	9.20
29	Phase B	21.0	17.7	15.9	20.1	18.3	18.7	18.6	1.79	9.61
30	Phase B	20.5	17.6	15.5	20.0	19.5	20.2	18.9	1.98	10.5
REC _B	Mean ¹⁾	20.4	17.6	15.6	19.7	18.4	19.4	18.5	1.75	9.48
	SD	0.42	0.18	0.24	0.46	0.83	0.65			
	CV [%]	2.07	1.02	1.51	2.36	4.54	3.37			

	1	2	3	4	5	6	K * 10 ⁻² [μL/min/mm ²]			
							Mean	SD	CV [%]	
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
15.3	13.2	11.8	15.2	14.6	15.3	14.2	1.44	10.1		
16.2	14.5	12.3	15.8	14.8	15.9	14.9	1.47	9.86		
16.6	14.9	12.8	15.7	15.3	16.2	15.3	1.35	8.86		
16.6	14.3	12.6	15.8	15.3	16.0	15.1	1.45	9.63		
16.2	14.1	12.3	15.8	14.8	15.9	14.9	1.47	9.93		
16.2	13.8	12.1	15.5	14.5	15.7	14.6	1.52	10.4		
16.3	14.1	12.2	15.6	14.0	15.3	14.6	1.48	10.1		
17.0	14.1	12.5	16.3	14.6	15.0	14.9	1.59	10.6		
16.6	14.0	12.2	16.2	15.7	16.4	15.2	1.75	11.5		
K _B	Mean ¹⁾	16.5	14.0	12.3	15.9	14.7	15.6	14.8	1.55	10.4
	SD	0.38	0.16	0.20	0.42	0.74	0.59			
	CV [%]	2.33	1.13	1.65	2.64	5.05	3.77			
%iAUD _B ²⁾	99.1	101	101	99.3	101	101	100	0.89	0.89	

Sample	Rinse B	Recovery ¹⁴ C-ZK 975 [%]						Mean	SD	CV [%]
		1	2	3	4	5	6			
31	Rinse B	7.45	N/S	6.95	12.0	11.6	12.8	10.2	2.75	27.0
32	Rinse B	0.82	N/S	0.56	0.88	0.88	0.75	0.78	0.13	17.2
33	Rinse B	0.49	N/S	0.34	0.73	0.57	0.52	0.53	0.14	26.6
34	Rinse B	0.46	N/S	0.26	0.50	0.51	0.46	0.44	0.10	23.6
35	Rinse B	0.32	N/S	0.19	0.37	0.40	0.32	0.32	0.08	24.4
36	Rinse B	0.30	N/S	0	0	0.34	0.3	0.19	0.17	91.7
37	Rinse B	0.24	N/S	0.18	0.31	0.29	0.31	0.26	0.05	20.6
38	Rinse B	0.19	N/S	0	0	0.21	0.22	0.12	0.11	91.6
39	Rinse B	0.26	N/S	0	0	0.22	0.28	0.15	0.14	92.2
40	Rinse B	0	N/S	0	0	0.18	0.26	0.09	0.12	140
Ae _B	[pmol/mm ³]	0	N/A	0	0	768	848	323	443	137

	1	2	3	4	5	6	K * 10 ⁻² [μL/min/mm ²]		
							Mean	SD	CV [%]
5.61	N/S	5.22	9.29	8.89	9.94	7.79	2.21	28.3	
0.60	N/S	0.41	0.64	0.64	0.54	0.57	0.10	17.3	
0.36	N/S	0.25	0.53	0.42	0.38	0.39	0.10	26.7	
0.33	N/S	0.19	0.36	0.37	0.34	0.32	0.08	23.6	
0.23	N/S	0.14	0.27	0.29	0.23	0.23	0.06	24.4	
0.22	N/S	0	0	0.25	0.22	0.14	0.12	91.7	
0.17	N/S	0.13	0.22	0.21	0.22	0.19	0.04	20.6	
0.14	N/S	0	0	0.15	0.16	0.09	0.08	91.6	
0.19	N/S	0	0	0.16	0.2	0.11	0.10	92.2	
0	N/S	0	0	0.13	0.19	0.06	0.09	140	

Probe:	1	2	3	4	5	6	Mean	SD	CV [%]											
										REC	Mean ³⁾	22.6	19.3	17.2	21.4	20.6	21.0	20.3	1.88	9.26
										SD	2.36	1.92	1.82	1.87	2.47	1.81				
CV [%]	10.5	9.93	10.6	8.75	12.0	8.60														
Ae ⁴⁾	[pmol/mm ³]	0	N/A	0	0	0	0	0	0	N/A										

Probe:	1	2	3	4	5	6	Mean	SD	CV [%]											
										K	Mean ³⁾	18.6	15.6	13.7	17.4	16.7	17.1	16.5	1.70	10.3
										SD	2.21	1.73	1.60	1.72	2.25	1.65				
CV [%]	11.9	11.1	11.7	9.89	13.5	9.68														
%iAUD ⁴⁾	99.6	100	100	98.6	98.5	100	99.6	0.87	0.87											

For the legend, see T 11

T 21: Microdialysis data MBR-4-10 probe (Cell, 38 kDa) and ¹⁴C-ZK 894

Sample	Phase A	Recovery ¹⁴ C-ZK 894 [%]						
		1	2	3	4	Mean	SD	CV [%]
1	Phase A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2	Phase A	26.1	26.4	16.4	22.8	22.9	4.67	20.4
3	Phase A	23.2	24.9	16.2	24.1	22.1	4.00	18.1
4	Phase A	25.6	25.6	16.6	22.5	22.6	4.24	18.8
5	Phase A	27.8	20.4	16.9	22.9	22.0	4.57	20.8
6	Phase A	25.0	24.4	16.8	23.2	22.3	3.80	17.0
7	Phase A	25.7	24.4	18.6	23.8	23.1	3.12	13.5
8	Phase A	24.7	24.8	17.8	23.2	22.6	3.32	14.7
9	Phase A	25.7	24.6	17.7	25.0	23.3	3.73	16.0
10	Phase A	25.9	25.1	17.0	23.3	22.8	4.02	17.6
REC_A	Mean¹⁾	25.5	24.7	17.8	23.8	23.0	3.53	15.4
	SD	0.54	0.26	0.64	0.86			
	CV [%]	2.10	1.07	3.61	3.61			

	K * 10 ⁻² [μL/min/mm ²]							
	1	2	3	4	Mean	SD	CV [%]	
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	22.0	22.3	13.0	18.7	19.0	4.31	22.7	
	19.1	20.8	12.8	19.9	18.2	3.64	20.0	
	21.4	21.4	13.2	18.5	18.6	3.90	20.9	
	23.6	16.5	13.4	18.8	18.1	4.28	23.7	
	20.9	20.3	13.3	19.1	18.4	3.48	18.9	
	21.5	20.3	14.9	19.7	19.1	2.90	15.2	
	20.6	20.7	14.2	19.1	18.6	3.06	16.4	
	21.5	20.5	14.1	20.9	19.3	3.45	17.9	
	21.7	20.9	13.5	19.2	18.8	3.70	19.7	
K_A	Mean¹⁾	21.3	20.6	14.2	19.7	19.0	3.25	17.2
	SD	0.52	0.25	0.57	0.82			
	CV [%]	2.44	1.23	3.99	4.17			
%iAUD_A²⁾		99.9	98.4	96.2	98.3	98.2	1.52	1.55

Sample	Rinse A	Recovery ¹⁴ C-ZK 894 [%]						
		1	2	3	4	Mean	SD	CV [%]
11	Rinse A	7.46	9.55	8.56	14.4	9.99	3.07	30.7
12	Rinse A	0	0	0	0	0	0	N/A
13	Rinse A	0	0	0	0	0	0	N/A
14	Rinse A	0	0	0	0	0	0	N/A
15	Rinse A	0	0	0	0	0	0	N/A
16	Rinse A	0	0	0	0	0	0	N/A
17	Rinse A	0	0	0	0	0	0	N/A
18	Rinse A	0	0	0	0	0	0	N/A
19	Rinse A	0	0	0	0	0	0	N/A
20	Rinse A	0	0	0	0	0	0	N/A
Ae_A	[pmol/mm³]	0	0	0	4.45	1.11	2.22	200

	K * 10 ⁻² [μL/min/mm ²]						
	1	2	3	4	Mean	SD	CV [%]
	5.62	7.27	6.48	11.3	7.66	2.50	32.7
	0	0	0	0	0	0	N/A
	0	0	0	0	0	0	N/A
	0	0	0	0	0	0	N/A
	0	0	0	0	0	0	N/A
	0	0	0	0	0	0	N/A
	0	0	0	0	0	0	N/A
	0	0	0	0	0	0	N/A
	0	0	0	0	0	0	N/A
	0	0	0	0	0	0	N/A
	0	0	0	0	0	0	N/A
	0	0	0	0	0	0	N/A
	0	0	0	0	0	0	N/A
	0	0	0	0	0	0	N/A
	0	0	0	0	0	0	N/A
	0	0	0	0	0	0	N/A

Sample	Phase B	Recovery ¹⁴ C-ZK 894 [%]						
		1	2	3	4	Mean	SD	CV [%]
21	Phase B	N/A	N/A	N/A	N/A	N/A	N/A	N/A
22	Phase B	23.4	23.5	20.9	21.7	22.4	1.31	5.87
23	Phase B	23.9	24.6	20.9	22.0	22.8	1.69	7.38
24	Phase B	24.6	25.7	22.2	22.6	23.8	1.67	7.03
25	Phase B	24.9	27.1	22.8	23.3	24.5	1.96	7.98
26	Phase B	23.3	21.7	20.5	21.6	21.8	1.18	5.40
27	Phase B	23.9	24.6	21.7	21.8	23.0	1.46	6.35
28	Phase B	23.8	24.0	20.9	22.0	22.7	1.50	6.60
29	Phase B	24.6	25.3	21.6	22.8	23.6	1.69	7.18
30	Phase B	24.6	24.8	21.7	22.3	23.4	1.56	6.66
REC_B	Mean¹⁾	24.2	24.7	21.5	22.2	23.1	1.54	6.65
	SD	0.40	0.55	0.40	0.43			
	CV [%]	1.66	2.24	1.88	1.92			

	K * 10 ⁻² [μL/min/mm ²]							
	1	2	3	4	Mean	SD	CV [%]	
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	19.4	19.4	17.0	17.7	18.4	1.22	6.67	
	19.8	20.4	17.0	18.0	18.8	1.58	8.41	
	20.5	21.5	18.2	18.5	19.7	1.59	8.08	
	20.8	22.9	18.7	19.2	20.4	1.89	9.26	
	19.2	17.7	16.6	17.6	17.8	1.09	6.14	
	19.8	20.4	17.8	17.8	19.0	1.38	7.26	
	19.7	19.9	17.0	18.0	18.6	1.40	7.51	
	20.4	21.2	17.6	18.7	19.5	1.60	8.22	
	20.4	20.7	17.8	18.3	19.3	1.47	7.63	
K_B	Mean¹⁾	20.1	20.5	17.5	18.2	19.1	1.45	7.60
	SD	0.38	0.53	0.37	0.40			
	CV [%]	1.91	2.59	2.12	2.18			
%iAUD_B²⁾		99.6	99.9	#####	100	99.9	0.20	0.20

Sample	Rinse B	Recovery ¹⁴ C-ZK 894 [%]						
		1	2	3	4	Mean	SD	CV [%]
31	Rinse B	6.90	9.31	10.2	12.5	9.73	2.31	23.8
32	Rinse B	0.28	0.16	0	0.25	0.17	0.12	73.1
33	Rinse B	0	0.17	0	0.16	0.08	0.10	115
34	Rinse B	0	0	0	0	0	0	N/A
35	Rinse B	0.21	0	0	0	0.05	0.10	200
36	Rinse B	0.17	0	0	0	0.04	0.08	200
37	Rinse B	0	0	0	0	0	0	N/A
38	Rinse B	0	0	0	0	0	0	N/A
39	Rinse B	0	0	0	0	0	0	N/A
40	Rinse B	0	0	0	0	0	0	N/A
Ae_B	[pmol/mm³]	0	0	0	0	0	0	N/A

	K * 10 ⁻² [μL/min/mm ²]						
	1	2	3	4	Mean	SD	CV [%]
	5.18	7.08	7.82	9.67	7.44	1.86	25.0
	0.20	0.11	0	0.18	0.12	0.09	73.2
	0	0.12	0	0.12	0.06	0.07	115
	0	0	0	0	0	0	N/A
	0.15	0	0	0	0.04	0.08	200
	0.12	0	0	0	0.03	0.06	200
	0	0	0	0	0	0	N/A
	0	0	0	0	0	0	N/A
	0	0	0	0	0	0	N/A
	0	0	0	0	0	0	N/A
	0	0	0	0	0	0	N/A
	0	0	0	0	0	0	N/A
	0	0	0	0	0	0	N/A
	0	0	0	0	0	0	N/A
	0	0	0	0	0	0	N/A

Probe:	1	2	3	4	Mean	SD	CV [%]		
	REC	Mean³⁾	24.9	24.7	19.6	23.0	23.1	2.43	10.5
		SD	0.82	0.40	2.05	1.06			
		CV [%]	3.28	1.63	10.4	4.61			
Ae⁴⁾	[pmol/mm³]	0	0	0	0	0	0	N/A	

K	1	2	3	4	Mean	SD	CV [%]	
	Mean³⁾	20.7	20.6	15.9	19.0	19.0	2.26	11.9
	SD	0.79	0.39	1.85	1.00			
	CV [%]	3.80	1.88	11.6	5.29			
%iAUD⁴⁾		99.8	99.1	98.3	99.2	99.1	0.61	0.61

For the legend, see T 11

T 22: Microdialysis data CMA/12 (PES) probe (PES, 100 kDa) and ¹⁴C-ZK 975

Sample	Phase A	Recovery ¹⁴ C-ZK 975 [%]						
		1	2	3	4	Mean	SD	CV [%]
1	Phase A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2	Phase A	4.04	5.47	4.84	0	3.59	2.46	N/A
3	Phase A	13.2	16.4	14.2	6.76	12.6	4.15	32.8
4	Phase A	18.9	23.9	20.5	16.1	19.9	3.28	16.5
5	Phase A	26.4	28.8	24.4	20.2	25.0	3.64	14.6
6	Phase A	30.6	33.5	28.3	23.8	29.0	4.10	14.1
7	Phase A	35.7	35.6	32.8	26.4	32.6	4.36	13.4
8	Phase A	38.8	38.4	35.3	28.7	35.3	4.67	13.2
9	Phase A	41.3	42.0	38.2	31.4	38.2	4.86	12.7
10	Phase A	44.4	43.6	36.7	30.5	38.8	6.53	16.8
REC _A	Mean ¹⁾	40.0	39.9	35.7	29.2	36.2	5.07	14.0
	SD	3.71	3.63	2.31	2.21			
	CV [%]	9.26	9.09	6.48	7.54			

Sample	Rinse A	Recovery ¹⁴ C-ZK 975 [%]						
		1	2	3	4	Mean	SD	CV [%]
11	Rinse A	44.8	46.2	39.7	32.7	40.9	6.07	14.9
12	Rinse A	55.1	35.6	34.4	35.3	40.1	10.0	24.9
13	Rinse A	39.8	25.6	26.2	26.4	29.5	6.89	23.4
14	Rinse A	28.2	19.4	23.6	22.0	23.3	3.68	15.8
15	Rinse A	25.8	16.4	18.4	14.5	18.8	4.97	26.5
16	Rinse A	21.8	12.9	15.8	14.6	16.3	3.87	23.8
17	Rinse A	18.5	10.6	13.4	12.7	13.8	3.33	24.1
18	Rinse A	17.9	9.06	11.5	12.5	12.7	3.71	29.1
19	Rinse A	17.3	7.34	9.67	9.27	10.9	4.38	40.2
20	Rinse A	13.3	5.74	8.36	8.33	8.94	3.18	35.6
Ae _A	[pmol/mm ³]	39.0	33.7	36.1	23.3	33.0	6.83	20.7

Sample	Phase B	Recovery ¹⁴ C-ZK 975 [%]						
		1	2	3	4	Mean	SD	CV [%]
21	Phase B	N/A	N/A	N/A	N/A	N/A	N/A	N/A
22	Phase B	7.75	12.7	10.6	2.48	8.39	4.43	52.8
23	Phase B	22.3	25.6	23.5	11.7	20.8	6.22	30.0
24	Phase B	29.7	31.4	29.5	18.5	27.3	5.93	21.7
25	Phase B	34.0	34.3	33.7	22.8	31.2	5.61	18.0
26	Phase B	38.9	36.6	36.4	26.0	34.5	5.78	16.8
27	Phase B	44.1	39.0	39.1	29.8	38.0	5.99	15.8
28	Phase B	46.8	38.7	39.1	30.3	38.7	6.73	17.4
29	Phase B	47.8	40.1	39.7	30.7	39.6	7.01	17.7
30	Phase B	N/S	N/S	N/S	N/S	N/A	N/A	N/A
REC _B	Mean ¹⁾	46.2	39.3	39.3	30.2	38.8	6.56	16.9
	SD	1.91	0.75	0.33	0.46			
	CV [%]	4.12	1.92	0.85	1.53			

Sample	Rinse B	Recovery ¹⁴ C-ZK 975 [%]						
		1	2	3	4	Mean	SD	CV [%]
31	Rinse B	49.3	39.8	41.4	31.3	40.5	7.38	18.2
32	Rinse B	37.1	23.8	27.2	27.5	28.9	5.73	19.8
33	Rinse B	26.3	14.7	18.1	20.1	19.8	4.88	24.6
34	Rinse B	20.9	10.0	13.3	14.6	14.7	4.52	30.8
35	Rinse B	16.4	7.38	9.83	10.2	11.0	3.83	34.9
36	Rinse B	13.9	5.66	8.13	8.75	9.10	3.44	37.8
37	Rinse B	11.9	4.84	6.75	6.76	7.56	3.01	39.9
38	Rinse B	10.3	4.15	5.76	6.10	6.57	2.60	39.6
39	Rinse B	9.24	3.52	5.06	4.93	5.69	2.47	43.4
40	Rinse B	7.62	2.86	4.44	4.29	4.80	2.01	41.8
Ae _B	[pmol/mm ³]	325	283	325	201	283	58.4	20.6

Probe:	1	2	3	4	Mean	SD	CV [%]
REC Mean ³⁾	42.7	39.6	37.3	29.7	37.3	5.56	14.9
SD	4.37	2.63	2.53	1.67			
CV [%]	10.2	6.62	6.78	5.63			
Ae ⁴⁾ [pmol/mm ³]	12.5	6.20	9.00	5.58	8.31	3.14	37.8

K * 10 ⁻² [μL/min/mm ²]							
1	2	3	4	Mean	SD	CV [%]	
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1.31	1.79	1.58	0	1.17	0.81	N/A	
4.51	5.72	4.87	2.23	4.33	1.49	34.4	
6.66	8.71	7.33	5.58	7.07	1.31	18.5	
9.77	10.8	8.91	7.20	9.18	1.53	16.7	
11.6	13.0	10.6	8.64	11.0	1.83	16.7	
14.1	14.0	12.6	9.75	12.6	2.01	16.0	
15.6	15.4	13.9	10.8	13.9	2.25	16.1	
16.9	17.4	15.3	12.0	15.4	2.45	15.9	
18.7	18.3	14.6	11.6	15.8	3.35	21.2	
K _A Mean ¹⁾	16.3	16.3	14.1	11.0	14.4	2.50	17.3
SD	1.97	1.92	1.14	0.99			
CV [%]	12.1	11.8	8.10	8.96			
%iAUD _A ²⁾ [%]	68.3	73.0	72.3	70.2	71.0	2.16	3.04

K * 10 ⁻² [μL/min/mm ²]							
1	2	3	4	Mean	SD	CV [%]	
18.9	19.7	16.1	12.6	16.8	3.20	19.0	
25.5	14.0	13.5	13.9	16.7	5.87	35.1	
16.2	9.42	9.66	9.78	11.3	3.28	29.2	
10.5	6.88	8.58	7.90	8.48	1.54	18.2	
9.52	5.69	6.47	4.99	6.67	1.99	29.9	
7.81	4.38	5.49	5.01	5.67	1.50	26.4	
6.50	3.57	4.58	4.32	4.74	1.25	26.3	
6.27	3.02	3.91	4.26	4.36	1.37	31.4	
6.04	2.43	3.24	3.10	3.70	1.60	43.2	
4.56	1.88	2.78	2.77	3.00	1.12	37.5	

K * 10 ⁻² [μL/min/mm ²]							
1	2	3	4	Mean	SD	CV [%]	
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2.57	4.32	3.58	0.80	2.82	1.53	54.2	
8.03	9.42	8.53	3.95	7.48	2.42	32.4	
11.2	12.0	11.1	6.51	10.2	2.51	24.5	
13.2	13.4	13.1	8.24	12.0	2.50	20.9	
15.7	14.5	14.4	9.58	13.5	2.71	20.0	
18.5	15.7	15.8	11.2	15.3	3.02	19.7	
20.1	15.6	15.8	11.5	15.8	3.51	22.3	
20.7	16.3	16.1	11.7	16.2	3.69	22.8	
N/S	N/S	N/S	N/S	N/A	N/A	N/A	
K _B Mean ¹⁾	19.8	15.9	15.9	11.5	15.8	3.39	21.5
SD	1.12	0.40	0.17	0.21			
CV [%]	5.67	2.50	1.10	1.84			
%iAUD _B ²⁾ [%]	75.1	84.1	82.2	75.0	79.1	4.74	5.99

K * 10 ⁻² [μL/min/mm ²]							
1	2	3	4	Mean	SD	CV [%]	
21.6	16.2	17.0	12.0	16.7	3.96	23.7	
14.8	8.66	10.1	10.3	10.9	2.65	24.2	
9.72	5.07	6.35	7.15	7.07	1.96	27.8	
7.45	3.37	4.56	5.01	5.10	1.71	33.6	
5.69	2.44	3.30	3.44	3.72	1.39	37.4	
4.75	1.85	2.70	2.92	3.06	1.22	39.9	
4.02	1.58	2.23	2.23	2.51	1.05	41.8	
3.45	1.35	1.89	2.01	2.17	0.90	41.2	
3.09	1.14	1.65	1.61	1.87	0.84	45.0	
2.52	0.93	1.45	1.40	1.57	0.68	43.0	

Probe:	1	2	3	4	Mean	SD	CV [%]
K Mean ³⁾	17.8	16.1	14.9	11.2	15.0	2.80	18.6
SD	2.40	1.39	1.26	0.75			
CV [%]	13.5	8.63	8.50	6.66			
%iAUD ⁴⁾ [%]	72.0	78.5	77.6	72.7	75.2	3.32	3.32

For the legend, see T 11

T 23: Microdialysis data CMA/12 (PES) probe (PES, 100 kDa) and ¹⁴C-ZK 894

Sample	Phase A	Recovery ¹⁴ C-ZK 894 [%]						
		1	2	3	4	Mean	SD	CV [%]
1	Phase A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2	Phase A	9.78	26.5	11.5	9.91	14.4	8.11	56.2
3	Phase A	38.0	40.4	33.4	34.7	36.6	3.15	8.59
4	Phase A	45.9	43.4	40.0	51.1	45.1	4.67	10.3
5	Phase A	46.5	44.3	43.5	47.7	45.5	1.94	4.28
6	Phase A	45.8	44.7	40.2	50.5	45.3	4.23	9.35
7	Phase A	56.3	46.6	44.9	53.7	50.4	5.49	10.9
8	Phase A	48.2	48.0	45.1	54.2	48.9	3.79	7.76
9	Phase A	55.6	46.2	45.1	53.4	50.1	5.21	10.4
10	Phase A	50.6	49.4	48.9	56.6	51.4	3.59	6.99
REC_A	Mean¹⁾	52.7	47.6	46.0	54.5	50.2	4.04	8.06
	SD	3.94	1.44	1.92	1.48			
	CV [%]	7.48	3.03	4.17	2.71			

	K * 10 ⁻² [μL/min/mm ²]							
	1	2	3	4	Mean	SD	CV [%]	
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	3.28	9.82	3.88	3.32	5.07	3.18	62.6	
	15.2	16.5	13.0	13.6	14.6	1.59	10.9	
	19.5	18.1	16.3	22.8	19.2	2.75	14.3	
	19.9	18.6	18.2	20.6	19.3	1.14	5.89	
	19.5	18.9	16.4	22.4	19.3	2.48	12.8	
	26.4	20.0	19.0	24.5	22.5	3.55	15.8	
	20.9	20.8	19.1	24.8	21.4	2.42	11.3	
	25.9	19.8	19.1	24.3	22.3	3.35	15.0	
	22.4	21.7	21.4	26.6	23.0	2.44	10.6	
K_A	Mean¹⁾	23.9	20.6	19.6	25.1	22.3	2.61	11.7
	SD	2.64	0.88	1.15	1.05			
	CV [%]	11.0	4.27	5.87	4.18			
%iAUD_A²⁾		83.8	90.2	85.0	83.8	85.7	3.06	3.57

Sample	Rinse A	Recovery ¹⁴ C-ZK 894 [%]						
		1	2	3	4	Mean	SD	CV [%]
11	Rinse A	49.2	48.5	45.6	54.8	49.5	3.86	7.79
12	Rinse A	38.6	24.3	39.6	37.1	34.9	7.16	20.5
13	Rinse A	11.1	10.9	17.5	13.1	13.1	3.06	23.3
14	Rinse A	5.71	7.56	7.30	6.99	6.89	0.82	11.9
15	Rinse A	0	4.17	0	0	1.04	2.09	200
16	Rinse A	0	0	0	0	0	0	N/A
17	Rinse A	0	0	0	0	0	0	N/A
18	Rinse A	0	0	0	0	0	0	N/A
19	Rinse A	0	0	0	0	0	0	N/A
20	Rinse A	0	0	0	0	0	0	N/A
Ae_A	[pmol/mm³]	1.18	4.63	2.51	6.38	3.68	2.30	62.4

	K * 10 ⁻² [μL/min/mm ²]						
	1	2	3	4	Mean	SD	CV [%]
	21.6	21.1	19.4	25.3	21.8	2.49	11.4
	15.5	8.85	16.1	14.8	13.8	3.34	24.2
	3.74	3.67	6.12	4.46	4.50	1.14	25.3
	1.87	2.50	2.41	2.31	2.27	0.28	12.3
	0	1.36	0	0	0.34	0.68	200
	0	0	0	0	0	0	#DIV/0!
	0	0	0	0	0	0	#DIV/0!
	0	0	0	0	0	0	#DIV/0!
	0	0	0	0	0	0	#DIV/0!
	0	0	0	0	0	0	#DIV/0!

Sample	Phase B	Recovery ¹⁴ C-ZK 894 [%]						
		1	2	3	4	Mean	SD	CV [%]
21	Phase B	N/A	N/A	N/A	N/A	N/A	N/A	N/A
22	Phase B	26.7	32.2	21.1	31.6	27.9	5.13	18.4
23	Phase B	40.1	42.7	43.0	42.9	42.2	1.36	3.22
24	Phase B	44.3	48.7	49.2	46.6	47.2	2.22	4.69
25	Phase B	42.0	49.8	48.9	46.2	46.7	3.49	7.48
26	Phase B	41.9	49.0	47.9	47.1	46.5	3.17	6.83
27	Phase B	41.8	50.2	48.2	46.1	46.6	3.58	7.69
28	Phase B	41.3	49.5	47.3	46.3	46.1	3.46	7.51
29	Phase B	42.0	49.4	47.3	46.9	46.4	3.14	6.77
30	Phase B	40.7	49.7	46.2	47.2	45.9	3.81	8.29
REC_B	Mean¹⁾	41.4	49.7	47.3	46.6	46.3	3.47	7.50
	SD	0.59	0.37	0.80	0.52			
	CV [%]	1.43	0.74	1.68	1.11			

	K * 10 ⁻² [μL/min/mm ²]							
	1	2	3	4	Mean	SD	CV [%]	
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	9.91	12.4	7.56	12.1	10.5	2.23	21.3	
	16.3	17.7	17.9	17.8	17.4	0.74	4.24	
	18.7	21.3	21.6	20.0	20.4	1.33	6.52	
	17.3	21.9	21.4	19.8	20.1	2.06	10.2	
	17.3	21.5	20.7	20.3	19.9	1.85	9.25	
	17.3	22.2	20.9	19.7	20.0	2.11	10.5	
	17.0	21.8	20.4	19.8	19.7	2.01	10.2	
	17.3	21.7	20.4	20.1	19.9	1.83	9.21	
	16.6	21.9	19.8	20.3	19.7	2.20	11.2	
K_B	Mean¹⁾	17.0	21.9	20.4	20.0	19.8	2.02	10.2
	SD	0.32	0.23	0.48	0.31			
	CV [%]	1.89	1.07	2.35	1.54			
%iAUD_B²⁾		98.6	94.3	96.3	96.1	96.3	1.74	1.80

Sample	Rinse B	Recovery ¹⁴ C-ZK 894 [%]						
		1	2	3	4	Mean	SD	CV [%]
31	Rinse B	41.8	52.0	50.3	50.0	48.5	4.59	9.46
32	Rinse B	8.44	16.3	37.1	17.7	19.9	12.2	61.2
33	Rinse B	2.96	4.77	8.00	4.42	5.04	2.12	42.1
34	Rinse B	1.72	2.99	3.95	2.59	2.81	0.93	33.0
35	Rinse B	1.13	1.99	2.54	1.46	1.78	0.62	34.7
36	Rinse B	0.92	1.46	1.65	1.01	1.26	0.35	28.1
37	Rinse B	0.58	0.98	1.22	1.00	0.95	0.27	28.4
38	Rinse B	0.49	0.92	0.97	0.65	0.76	0.23	30.0
39	Rinse B	0.51	0.73	0.67	0.55	0.61	0.10	16.8
40	Rinse B	0	0.68	0.57	0	0.31	0.37	116
Ae_B	[pmol/mm³]	4.86	19.3	24.9	21.9	17.7	8.89	50.1

	K * 10 ⁻² [μL/min/mm ²]						
	1	2	3	4	Mean	SD	CV [%]
	17.2	23.4	22.2	22.1	21.2	2.74	12.9
	2.81	5.68	14.8	6.20	7.36	5.15	70.0
	0.96	1.56	2.65	1.44	1.65	0.72	43.4
	0.55	0.97	1.28	0.83	0.91	0.30	33.4
	0.36	0.64	0.82	0.47	0.57	0.20	35.0
	0.29	0.47	0.53	0.32	0.40	0.11	28.3
	0.18	0.31	0.39	0.32	0.30	0.09	28.5
	0.16	0.30	0.31	0.21	0.24	0.07	30.1
	0.16	0.23	0.21	0.18	0.20	0.03	16.8
	0	0.22	0.18	0	0.10	0.12	116

Probe:	Recovery ¹⁴ C-ZK 894 [%]							
	1	2	3	4	Mean	SD	CV [%]	
REC	Mean³⁾	47.1	48.6	46.6	50.5	48.2	1.78	3.68
	SD	6.54	1.50	1.52	4.33			
	CV [%]	13.9	3.08	3.25	8.56			
Ae⁴⁾	[pmol/mm³]	0.65	3.00	0	4.24	1.95	2.02	104

K	K * 10 ⁻² [μL/min/mm ²]							
	1	2	3	4	Mean	SD	CV [%]	
K	Mean³⁾	20.5	21.2	20.0	22.5	21.1	1.10	5.23
	SD	4.06	0.92	0.91	2.81			
	CV [%]	19.8	4.33	4.54	12.5			
%iAUD⁴⁾		89.9	92.3	90.8	89.2	90.6	1.33	1.33

For the legend, see T 11

T 24: Microdialysis data MAB 6.14.4 probe (PES, 15 kDa) and ¹⁴C-ZK 975

Sample	Phase A	Recovery ¹⁴ C-ZK 975 [%]						
		1	2	3	4	Mean	SD	CV [%]
1	Phase A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2	Phase A	8.71	7.37	7.02	14.4	9.37	3.41	N/A
3	Phase A	19.2	12.2	15.0	14.6	15.3	2.88	18.9
4	Phase A	24.8	25.8	22.7	24.5	24.4	1.30	5.32
5	Phase A	30.1	26.6	31.7	26.3	28.7	2.66	9.29
6	Phase A	37.2	30.0	32.0	26.2	31.3	4.55	14.5
7	Phase A	37.8	32.7	33.6	25.8	32.5	4.98	15.3
8	Phase A	38.2	35.1	36.3	32.0	35.4	2.62	7.41
9	Phase A	43.4	42.0	39.0	33.3	39.4	4.49	11.4
10	Phase A	43.4	45.9	41.8	35.6	41.7	4.37	10.5
REC_A	Mean¹⁾	40.7	38.9	37.7	31.7	37.2	3.92	10.5
	SD	3.12	6.08	3.52	4.19			
	CV [%]	7.66	15.6	9.36	13.2			

		K * 10 ⁻² [μL/min/mm ²]						
		1	2	3	4	Mean	SD	CV [%]
		N/A	N/A	N/A	N/A	N/A	N/A	N/A
		2.42	2.03	1.93	4.11	2.62	1.02	N/A
		5.64	3.46	4.32	4.18	4.40	0.91	20.7
		7.54	7.92	6.83	7.45	7.44	0.45	6.11
		9.51	8.21	10.1	8.08	8.98	0.99	11.1
		12.3	9.47	10.2	8.06	10.0	1.77	17.7
		12.6	10.5	10.9	7.92	10.5	1.93	18.5
		12.8	11.5	12.0	10.2	11.6	1.07	9.23
		15.1	14.5	13.1	10.7	13.3	1.93	14.5
		15.1	16.3	14.3	11.7	14.4	1.95	13.6
K_A	Mean¹⁾	13.9	13.2	12.6	10.1	12.4	1.63	13.1
	SD	1.40	2.66	1.50	1.60			
	CV [%]	10.1	20.2	12.0	15.8			
	%iAUD_A²⁾	75.8	70.8	75.1	79.6	75.3	3.58	4.76

Sample	Rinse A	Recovery ¹⁴ C-ZK 975 [%]						
		1	2	3	4	Mean	SD	CV [%]
11	Rinse A	43.9	43.3	42.0	38.5	41.9	2.42	5.76
12	Rinse A	36.9	35.7	35.3	35.1	35.7	0.82	2.29
13	Rinse A	27.0	28.5	27.2	26.5	27.3	0.85	3.10
14	Rinse A	21.7	23.2	20.2	22.7	21.9	1.33	6.05
15	Rinse A	27.2	21.3	17.3	18.9	21.2	4.32	20.4
16	Rinse A	14.4	16.6	12.4	16.6	15.0	2.02	13.4
17	Rinse A	10.6	13.0	10.9	12.0	11.6	1.10	9.51
18	Rinse A	8.93	12.0	8.37	12.0	10.3	1.97	19.0
19	Rinse A	8.04	10.4	7.17	10.2	8.96	1.61	18.0
20	Rinse A	7.19	8.42	6.39	8.96	7.74	1.17	15.1
Ae_A	[pmol/mm³]	28.8	27.6	23.0	28.6	27.0	2.71	10.0

		K * 10 ⁻² [μL/min/mm ²]						
		1	2	3	4	Mean	SD	CV [%]
		15.3	15.1	14.4	12.9	14.4	1.09	7.54
		12.2	11.7	11.5	11.5	11.7	0.34	2.90
		8.35	8.89	8.42	8.17	8.46	0.31	3.66
		6.48	6.99	5.98	6.82	6.57	0.45	6.84
		8.41	6.36	5.05	5.55	6.34	1.48	23.3
		4.13	4.82	3.51	4.82	4.32	0.63	14.5
		2.96	3.69	3.06	3.39	3.27	0.33	10.1
		2.48	3.40	2.32	3.40	2.90	0.58	20.1
		2.22	2.92	1.97	2.86	2.49	0.47	18.8
		1.98	2.33	1.75	2.49	2.14	0.34	15.7

Sample	Phase B	Recovery ¹⁴ C-ZK 975 [%]						
		1	2	3	4	Mean	SD	CV [%]
21	Phase B	N/A	N/A	N/A	N/A	N/A	N/A	N/A
22	Phase B	12.9	9.56	11.3	8.47	10.5	1.94	18.4
23	Phase B	24.3	21.9	24.0	22.3	23.1	1.19	5.17
24	Phase B	30.5	29.5	30.4	30.9	30.4	0.59	1.94
25	Phase B	33.6	35.4	34.9	37.3	35.3	1.54	4.37
26	Phase B	35.4	37.3	36.8	40.0	37.4	1.93	5.16
27	Phase B	36.6	41.2	37.7	40.6	39.0	2.21	5.67
28	Phase B	36.8	40.9	37.8	40.9	39.1	2.12	5.43
29	Phase B	37.2	42.3	39.2	41.2	39.9	2.25	5.64
30	Phase B	38.1	42.4	39.8	42.5	40.7	2.13	5.24
REC_B	Mean¹⁾	37.2	41.7	38.6	41.3	39.7	2.17	5.46
	SD	0.65	0.75	1.04	0.83			
	CV [%]	1.76	1.80	2.69	2.02			

		K * 10 ⁻² [μL/min/mm ²]						
		1	2	3	4	Mean	SD	CV [%]
		N/A	N/A	N/A	N/A	N/A	N/A	N/A
		3.66	2.67	3.17	2.35	2.96	0.58	19.5
		7.37	6.54	7.26	6.70	6.97	0.41	5.91
		9.67	9.28	9.63	9.81	9.60	0.22	2.33
		10.9	11.6	11.4	12.4	11.6	0.63	5.49
		11.6	12.4	12.2	13.5	12.4	0.82	6.63
		12.1	14.1	12.5	13.8	13.1	0.96	7.32
		12.2	14.0	12.6	14.0	13.2	0.92	7.01
		12.3	14.6	13.2	14.1	13.5	0.99	7.33
		12.7	14.6	13.5	14.7	13.9	0.95	6.85
K_B	Mean¹⁾	12.3	14.3	13.0	14.1	13.4	0.95	7.07
	SD	0.28	0.34	0.45	0.38			
	CV [%]	2.25	2.38	3.47	2.68			
	%iAUD_B²⁾	85.4	79.5	84.1	82.1	82.8	2.57	3.10

Sample	Rinse B	Recovery ¹⁴ C-ZK 975 [%]						
		1	2	3	4	Mean	SD	CV [%]
31	Rinse B	34.0	40.9	38.0	39.6	38.1	2.96	7.78
32	Rinse B	21.0	26.8	24.7	26.9	24.8	2.78	11.2
33	Rinse B	13.8	17.4	16.8	19.2	16.8	2.24	13.3
34	Rinse B	9.55	12.7	11.7	13.7	11.9	1.76	14.8
35	Rinse B	6.96	9.46	8.81	10.8	9.02	1.61	17.9
36	Rinse B	5.24	8.16	7.05	7.79	7.06	1.30	18.4
37	Rinse B	4.66	6.21	5.41	6.85	5.78	0.95	16.5
38	Rinse B	3.93	5.12	4.83	5.32	4.80	0.62	12.8
39	Rinse B	3.15	4.42	3.96	4.50	4.01	0.62	15.5
40	Rinse B	2.81	3.54	2.95	3.99	3.32	0.55	16.4
Ae_B	[pmol/mm³]	144	173	156	194	167	21.8	13.1

		K * 10 ⁻² [μL/min/mm ²]						
		1	2	3	4	Mean	SD	CV [%]
		11.0	13.9	12.7	13.4	12.8	1.26	9.85
		6.24	8.28	7.52	8.31	7.59	0.97	12.8
		3.94	5.08	4.89	5.66	4.89	0.71	14.5
		2.66	3.61	3.29	3.89	3.37	0.53	15.7
		1.91	2.64	2.45	3.05	2.51	0.47	18.7
		1.43	2.26	1.94	2.15	1.94	0.37	19.0
		1.26	1.70	1.48	1.88	1.58	0.27	17.0
		1.06	1.39	1.31	1.45	1.31	0.17	13.1
		0.85	1.20	1.07	1.22	1.09	0.17	15.8
		0.76	0.96	0.79	1.08	0.90	0.15	16.7

Probe:	1	2	3	4	Mean	SD	CV [%]	
REC	Mean³⁾	38.9	40.3	38.1	36.5	38.5	1.60	4.15
	SD	2.83	4.27	2.46	5.85			
	CV [%]	7.26	10.6	6.45	16.0			
Ae⁴⁾	[pmol/mm³]	14.8	10.6	8.20	14.2	12.0	3.11	26.0

Probe:	1	2	3	4	Mean	SD	CV [%]	
K	Mean³⁾	13.1	13.7	12.8	12.1	12.9	0.67	5.20
	SD	1.26	1.86	1.05	2.39			
	CV [%]	9.58	13.5	8.21	19.7			
%iAUD⁴⁾	[%]	80.3	75.4	79.7	81.0	79.1	2.56	2.56

For the legend, see T 11

T 25: Microdialysis data MAB 6.14.4 probe (PES, 15 kDa) and ¹⁴C-ZK 894

Sample	Phase A	Recovery ¹⁴ C-ZK 894 [%]						
		1	2	3	4	Mean	SD	CV [%]
1	Phase A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2	Phase A	18.9	14.2	11.3	25.5	17.5	6.23	35.6
3	Phase A	20.3	14.6	14.1	28.2	19.3	6.58	34.1
4	Phase A	23.0	17.8	15.6	30.1	21.6	6.46	29.9
5	Phase A	23.3	18.6	15.7	31.4	22.2	6.87	30.9
6	Phase A	23.4	18.4	16.0	33.4	22.8	7.68	33.7
7	Phase A	23.8	17.1	17.7	29.6	22.1	5.89	26.7
8	Phase A	23.7	18.9	19.2	31.4	23.3	5.82	25.0
9	Phase A	21.5	20.3	18.2	33.5	23.4	6.87	29.4
10	Phase A	24.7	20.8	19.4	30.2	23.8	4.84	20.3
REC_A Mean¹⁾		23.4	19.3	18.6	31.2	23.1	5.77	24.9
SD		1.39	1.65	0.82	1.70			
CV [%]		5.92	8.57	4.41	5.44			

	K * 10 ⁻² [μL/min/mm ²]						
	1	2	3	4	Mean	SD	CV [%]
	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	5.57	4.07	3.17	7.82	5.16	2.03	39.4
	6.01	4.19	4.02	8.80	5.75	2.22	38.6
	6.94	5.18	4.51	9.51	6.54	2.23	34.1
	7.04	5.44	4.52	9.99	6.75	2.40	35.6
	7.07	5.38	4.64	10.8	6.96	2.73	39.2
	7.23	4.99	5.16	9.32	6.67	2.04	30.5
	7.18	5.56	5.65	9.99	7.10	2.07	29.1
	6.41	6.03	5.34	10.8	7.15	2.48	34.7
	7.54	6.20	5.72	9.54	7.25	1.71	23.6
K_A Mean¹⁾	7.09	5.69	5.47	9.92	7.04	2.05	29.1
SD	0.48	0.54	0.27	0.66			
CV [%]	6.74	9.51	4.89	6.64			
%iAUD_A²⁾	96.0	92.0	87.5	98.1	93.4	4.68	5.01

Sample	Rinse A	Recovery ¹⁴ C-ZK 894 [%]						
		1	2	3	4	Mean	SD	CV [%]
11	Rinse A	17.9	18.5	18.1	29.4	21.0	5.63	26.9
12	Rinse A	3.86	4.48	5.33	6.75	5.11	1.25	24.5
13	Rinse A	0	0	14.3*	1.98	0.66	1.14	173
14	Rinse A	0	0	16.7*	0	0	0	N/A
15	Rinse A	0	0	0	0	0	0	N/A
16	Rinse A	0	0	0	0	0	0	N/A
17	Rinse A	0	0	0	0	0	0	N/A
18	Rinse A	0	0	0	0	0	0	N/A
19	Rinse A	0	0	0	0	0	0	N/A
20	Rinse A	0	0	0	0	0	0	N/A
Ae_A [pmol/mm³]		2.99	4.04	4.16	7.79	4.75	2.10	44.2

	K * 10 ⁻² [μL/min/mm ²]						
	1	2	3	4	Mean	SD	CV [%]
	5.23	5.41	5.28	9.23	6.29	1.96	31.2
	1.05	1.22	1.45	1.85	1.39	0.35	25.2
	0	0	Excl*	0.53	0.18	0.31	173
	0	0	Excl*	0	0	0	N/A
	0	0	0	0	0	0	N/A
	0	0	0	0	0	0	N/A
	0	0	0	0	0	0	N/A
	0	0	0	0	0	0	N/A
	0	0	0	0	0	0	N/A
	0	0	0	0	0	0	N/A
	0	0	0	0	0	0	N/A
	0	0	0	0	0	0	N/A

Sample	Phase B	Recovery ¹⁴ C-ZK 894 [%]						
		1	2	3	4	Mean	SD	CV [%]
21	Phase B	N/A	N/A	N/A	N/A	N/A	N/A	N/A
22	Phase B	19.7	18.5	15.6	30.2	21.0	6.39	30.4
23	Phase B	19.7	18.7	16.1	31.8	21.6	6.96	32.3
24	Phase B	20.8	20.1	17.0	33.6	22.9	7.35	32.1
25	Phase B	21.0	20.4	17.6	34.3	23.3	7.49	32.1
26	Phase B	21.6	21.0	17.8	34.5	23.7	7.39	31.1
27	Phase B	20.8	21.4	18.4	34.7	23.8	7.35	30.8
28	Phase B	20.7	21.8	18.6	35.0	24.0	7.46	31.1
29	Phase B	20.9	22.0	18.8	34.2	24.0	6.94	29.0
30	Phase B	20.4	22.2	18.9	34.2	23.9	6.97	29.1
REC_B Mean¹⁾		20.7	21.9	18.7	34.5	23.9	7.18	30.0
SD		0.24	0.36	0.23	0.41			
CV [%]		1.16	1.63	1.22	1.19			

	K * 10 ⁻² [μL/min/mm ²]						
	1	2	3	4	Mean	SD	CV [%]
	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	5.83	5.44	4.49	9.54	6.32	2.22	35.1
	5.83	5.48	4.66	10.1	6.52	2.46	37.6
	6.19	5.94	4.95	10.9	6.99	2.65	37.9
	6.26	6.04	5.13	11.2	7.15	2.72	38.0
	6.46	6.26	5.20	11.2	7.29	2.69	36.9
	6.19	6.39	5.39	11.3	7.32	2.69	36.7
	6.14	6.51	5.44	11.4	7.38	2.74	37.1
	6.22	6.60	5.51	11.1	7.36	2.53	34.4
	6.04	6.67	5.56	11.1	7.34	2.54	34.6
K_B Mean¹⁾	6.15	6.55	5.48	11.2	7.35	2.62	35.7
SD	0.08	0.12	0.07	0.17			
CV [%]	1.30	1.84	1.36	1.49			
%iAUD_B²⁾	100	94.1	94.3	97.5	96.5	2.87	2.98

Sample	Rinse B	Recovery ¹⁴ C-ZK 894 [%]						
		1	2	3	4	Mean	SD	CV [%]
31	Rinse B	13.1	17.5	15.0	26.1	17.9	5.73	32.0
32	Rinse B	1.01	1.46	1.76	2.57	1.70	0.66	38.7
33	Rinse B	0.39	0.53	1.24	0.85	0.75	0.38	50.1
34	Rinse B	0.21	0.28	0.29	0.41	0.30	0.08	26.8
35	Rinse B	0	0	0.20	0.30	0.12	0.15	121
36	Rinse B	0	0	0	0.22	0.06	0.11	200
37	Rinse B	0	0	0	0	0	0	N/A
38	Rinse B	0	0	0	0	0	0	N/A
39	Rinse B	0	0	0	0	0	0	N/A
40	Rinse B	0	0	0	0	0	0	N/A
Ae_B [pmol/mm³]		15.2	29.0	30.0	49.5	30.9	14.1	45.6

	K * 10 ⁻² [μL/min/mm ²]						
	1	2	3	4	Mean	SD	CV [%]
	3.74	5.11	4.31	8.02	5.29	1.91	36.0
	0.27	0.39	0.47	0.69	0.45	0.18	39.0
	0.10	0.14	0.33	0.23	0.20	0.10	50.3
	0.06	0.07	0.08	0.11	0.08	0.02	26.8
	0	0	0.05	0.08	0.03	0.04	121
	0	0	0	0.06	0.01	0.03	200
	0	0	0	0	0	0	N/A
	0	0	0	0	0	0	N/A
	0	0	0	0	0	0	N/A
	0	0	0	0	0	0	N/A
	0	0	0	0	0	0	N/A
	0	0	0	0	0	0	N/A

Probe:	1	2	3	4	Mean	SD	CV [%]
REC Mean³⁾	22.1	20.6	18.6	32.8	23.5	6.36	27.0
SD	1.74	1.76	0.56	2.11			
CV [%]	7.89	8.56	2.99	6.44			
Ae⁴⁾ [pmol/mm³]	1.37	1.50	1.33	3.89	2.02	1.25	61.6

Probe:	1	2	3	4	Mean	SD	CV [%]
K Mean³⁾	6.62	6.12	5.47	10.6	7.19	2.30	32.0
SD	0.60	0.58	0.18	0.83			
CV [%]	9.01	9.52	3.32	7.84			
%iAUD⁴⁾	97.9	93.1	90.9	97.8	94.9	3.48	3.48

For the legend, see T 11

T 26: Microdialysis data MAB 9.14.4 probe (PES, 6 kDa) and ¹⁴C-ZK 975

Sample	Phase A	Recovery ¹⁴ C-ZK 975 [%]						
		1	2	3	4	Mean	SD	CV [%]
1	Phase A	N/A	N/A	N/A	N/S	N/A	N/A	N/A
2	Phase A	14.2	15.1	4.56	N/S	11.3	5.83	N/A
3	Phase A	19.5	15.8	15.2	N/S	16.8	2.32	13.8
4	Phase A	27.8	21.7	22.3	N/S	23.9	3.37	14.1
5	Phase A	35.8	26.3	26.2	N/S	29.4	5.47	18.6
6	Phase A	36.2	33.2	31.1	N/S	33.5	2.58	7.69
7	Phase A	42.7	45.0	33.8	N/S	40.5	5.94	14.7
8	Phase A	48.5	37.6	37.1	N/S	41.1	6.46	15.7
9	Phase A	48.9	68.4	39.3	N/S	52.2	14.9	28.5
10	Phase A	49.7	42.3	39.7	N/S	43.9	5.18	11.8
REC _A	Mean ¹⁾	47.5	48.3	37.5	N/A	44.4	6.04	13.6
	SD	3.21	13.7	2.72	N/A			
	CV [%]	6.77	28.4	7.27	N/A			

	K * 10 ⁻² [μL/min/mm ²]							
	1	2	3	4	Mean	SD	CV [%]	
	N/A	N/A	N/A	N/S	N/A	N/A	N/A	
	4.05	4.33	1.24	N/S	3.21	1.71	N/A	
	5.75	4.56	4.38	N/S	4.89	0.75	15.3	
	8.65	6.50	6.68	N/S	7.27	1.19	16.4	
	11.7	8.11	8.07	N/S	9.31	2.11	22.6	
	11.9	10.7	9.87	N/S	10.8	1.03	9.52	
	14.8	15.9	10.9	N/S	13.9	2.59	18.7	
	17.6	12.5	12.3	N/S	14.1	3.01	21.3	
	17.8	30.6	13.2	N/S	20.5	8.99	43.8	
	18.2	14.6	13.4	N/S	15.4	2.51	16.3	
K _A	Mean ¹⁾	17.1	18.4	12.5	N/A	16.0	3.11	19.5
	SD	1.58	8.24	1.14	N/A			
	CV [%]	9.23	44.8	9.16	N/A			
%iAUD _A ²⁾		72.6	66.8	72.9	N/A	70.8	3.45	4.87

Sample	Rinse A	Recovery ¹⁴ C-ZK 975 [%]						
		1	2	3	4	Mean	SD	CV [%]
11	Rinse A	53.3	42.5	40.0	N/S	45.3	7.04	15.5
12	Rinse A	46.2	41.0	36.0	N/S	41.1	5.12	12.5
13	Rinse A	31.1	29.9	25.3	N/S	28.8	3.05	10.6
14	Rinse A	25.7	35.7	29.6	N/S	30.3	5.02	16.6
15	Rinse A	18.4	17.6	15.2	N/S	17.1	1.67	9.76
16	Rinse A	17.5	16.2	12.4	N/S	15.4	2.64	17.2
17	Rinse A	40.9*	14.3	8.94	N/S	11.6	3.80	32.7
18	Rinse A	26.6*	10.2	8.38	N/S	9.29	1.28	13.8
19	Rinse A	43.3*	10.3	7.26	N/S	8.79	2.16	24.5
20	Rinse A	8.86	7.42	6.85	N/S	7.71	1.04	13.4
Ae _A	[pmol/mm ³]	31.3	40.8	34.2	N/A	35.4	4.88	13.8

	K * 10 ⁻² [μL/min/mm ²]							
	1	2	3	4	Mean	SD	CV [%]	
	20.2	14.7	13.6	N/S	16.1	3.54	21.9	
	16.5	14.0	11.8	N/S	14.1	2.31	16.4	
	9.88	9.44	7.75	N/S	9.02	1.12	12.5	
	7.89	11.7	9.31	N/S	9.63	1.93	20.0	
	5.40	5.14	4.37	N/S	4.97	0.53	10.7	
	5.11	4.69	3.52	N/S	4.44	0.82	18.5	
	Excl*	4.10	2.48	N/S	3.29	1.14	34.7	
	Excl*	2.85	2.32	N/S	2.59	0.38	14.5	
	Excl*	2.89	2.00	N/S	2.44	0.63	25.7	
		2.46	2.04	1.88	N/S	2.13	0.30	14.0

Sample	Phase B	Recovery ¹⁴ C-ZK 975 [%]						
		1	2	3	4	Mean	SD	CV [%]
21	Phase B	N/A	N/A	N/A	N/S	N/A	N/A	N/A
22	Phase B	15.3	9.34	8.76	N/S	11.1	3.62	32.5
23	Phase B	24.0	19.9	18.7	N/S	20.8	2.76	13.3
24	Phase B	33.6	26.5	25.3	N/S	28.5	4.50	15.8
25	Phase B	34.8	32.5	29.0	N/S	32.1	2.95	9.18
26	Phase B	43.4	33.6	32.2	N/S	36.4	6.08	16.7
27	Phase B	38.3	35.2	33.6	N/S	35.7	2.42	6.77
28	Phase B	40.1	36.2	33.8	N/S	36.7	3.14	8.55
29	Phase B	51.9	37.3	34.4	N/S	41.2	9.38	22.8
30	Phase B	42.1	38.2	35.7	N/S	38.7	3.22	8.31
REC _B	Mean ¹⁾	43.1	36.8	34.4	N/A	38.1	4.51	11.8
	SD	6.07	1.32	0.95	N/A			
	CV [%]	14.1	3.58	2.77	N/A			

	K * 10 ⁻² [μL/min/mm ²]							
	1	2	3	4	Mean	SD	CV [%]	
	N/A	N/A	N/A	N/S	N/A	N/A	N/A	
	4.40	2.60	2.43	N/S	3.14	1.09	34.7	
	7.27	5.88	5.49	N/S	6.21	0.93	15.0	
	10.9	8.15	7.74	N/S	8.92	1.70	19.0	
	11.4	10.4	9.08	N/S	10.3	1.15	11.2	
	15.1	10.9	10.3	N/S	12.1	2.61	21.6	
	12.8	11.5	10.8	N/S	11.7	1.00	8.55	
	13.6	11.9	11.0	N/S	12.2	1.32	10.9	
	19.4	12.4	11.2	N/S	14.3	4.45	31.0	
	14.5	12.8	11.7	N/S	13.0	1.40	10.8	
K _B	Mean ¹⁾	15.1	12.2	11.2	N/A	12.8	2.03	15.8
	SD	2.97	0.55	0.39	N/A			
	CV [%]	19.7	4.54	3.46	N/A			
%iAUD _B ²⁾		82.8	81.1	81.3	N/A	81.7	0.93	1.14

Sample	Rinse B	Recovery ¹⁴ C-ZK 975 [%]						
		1	2	3	4	Mean	SD	CV [%]
31	Rinse B	43.0	35.6	34.3	N/S	37.7	4.67	12.4
32	Rinse B	26.1	24.3	22.3	N/S	24.2	1.92	7.94
33	Rinse B	17.6	16.6	14.5	N/S	16.2	1.58	9.76
34	Rinse B	12.8	12.0	10.8	N/S	11.9	0.99	8.35
35	Rinse B	9.80	9.42	8.04	N/S	9.09	0.93	10.2
36	Rinse B	7.52	7.36	6.69	N/S	7.19	0.44	6.13
37	Rinse B	6.20	6.05	5.24	N/S	5.83	0.51	8.80
38	Rinse B	5.51	5.13	5.47	N/S	5.37	0.21	3.83
39	Rinse B	4.51	4.47	3.64	N/S	4.21	0.49	11.7
40	Rinse B	3.95	4.02	2.94	N/S	3.64	0.60	16.6
Ae _B	[pmol/mm ³]	244	234	207	N/A	228	19.2	8.42

	K * 10 ⁻² [μL/min/mm ²]						
	1	2	3	4	Mean	SD	CV [%]
	14.9	11.7	11.2	N/S	12.6	2.03	16.1
	8.02	7.37	6.68	N/S	7.36	0.67	9.14
	5.12	4.81	4.14	N/S	4.69	0.50	10.6
	3.63	3.40	3.04	N/S	3.36	0.30	8.89
	2.74	2.63	2.22	N/S	2.53	0.27	10.7
	2.07	2.03	1.84	N/S	1.98	0.13	6.36
	1.70	1.65	1.43	N/S	1.59	0.14	9.06
	1.50	1.40	1.49	N/S	1.46	0.06	3.93
	1.22	1.21	0.98	N/S	1.14	0.14	12.0
	1.07	1.09	0.79	N/S	0.98	0.17	16.9

Probe:	REC							
	1	2	3	4	Mean	SD	CV [%]	
Mean ³⁾	45.3	42.6	35.9	N/A	41.3	4.82	11.7	
SD	5.07	10.9	2.51	N/A				
CV [%]	11.2	25.7	6.99	N/A				
Ae ⁴⁾	[pmol/mm ³]	8.93	20.2	13.8	N/A	14.3	5.65	39.4

K	Mean ³⁾							
	1	2	3	4	Mean	SD	CV [%]	
Mean ³⁾	16.1	15.3	11.8	N/A	14.4	2.27	15.7	
SD	2.46	6.35	1.05	N/A				
CV [%]	15.3	41.6	8.89	N/A				
%iAUD ⁴⁾		77.4	72.5	76.9	N/A	75.6	2.70	2.70

For the legend, see T 11

T 27: Microdialysis data MAB 9.14.4 probe (PES, 6 kDa) and ¹⁴C-ZK 894

Sample	Phase A	Recovery ¹⁴ C-ZK 894 [%]						
		1	2	3	4	Mean	SD	CV [%]
1	Phase A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2	Phase A	38.3	40.9	41.9	33.3	38.6	3.86	9.9951
3	Phase A	132*	43.0	43.3	35.5	40.6	4.43	10.9
4	Phase A	40.9	41.3	44.1	34.6	40.2	4.02	9.99
5	Phase A	41.4	42.2	43.2	35.6	40.6	3.44	8.47
6	Phase A	43.4	57.7	43.0	36.4	45.1	8.96	19.9
7	Phase A	40.2	43.5	44.3	36.6	41.1	3.52	8.55
8	Phase A	40.5	43.0	45.9	36.4	41.5	4.04	9.75
9	Phase A	42.6	43.8	44.1	37.9	42.1	2.86	6.79
10	Phase A	44.6	47.3	45.2	39.1	44.0	3.52	8.00
REC_A	Mean¹⁾	42.0	44.4	44.9	37.5	42.2	3.38	8.01
	SD	2.02	1.98	0.87	1.25			
	CV [%]	4.82	4.46	1.94	3.34			

	K * 10 ⁻² [μL/min/mm ²]							
	1	2	3	4	Mean	SD	CV [%]	
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	12.8	13.9	14.4	10.7	13.0	1.64	12.6	
	Excl*	14.9	15.1	11.6	13.9	1.94	14.0	
	14.0	14.1	15.4	11.3	13.7	1.75	12.8	
	14.2	14.6	15.0	11.7	13.8	1.50	10.8	
	15.1	22.8	14.9	12.0	16.2	4.62	28.5	
	13.7	15.1	15.5	12.1	14.1	1.57	11.1	
	13.8	14.9	16.3	12.0	14.2	1.82	12.8	
	14.7	15.3	15.4	12.6	14.5	1.28	8.83	
	15.6	17.0	16.0	13.1	15.4	1.64	10.6	
K_A	Mean¹⁾	14.4	15.6	15.8	12.5	14.6	1.52	10.5
	SD	0.93	0.96	0.42	0.53			
	CV [%]	6.44	6.17	2.66	4.27			
%iAUD_A²⁾		97.7	102	97.2	95.5	98.1	2.78	2.83

Sample	Rinse A	Recovery ¹⁴ C-ZK 894 [%]						
		1	2	3	4	Mean	SD	CV [%]
11	Rinse A	25.6	27.8	32.6	27.5	28.4	2.97	10.5
12	Rinse A	2.64	2.23	6.85	2.27	3.50	2.24	64.1
13	Rinse A	0	0	0	0	0	0	N/A
14	Rinse A	0	0	0	0	0	0	N/A
15	Rinse A	3.28*	0	0	0	0	0	N/A
16	Rinse A	0	0	0	3.28*	0	0	N/A
17	Rinse A	0	0	0	0	0	0	N/A
18	Rinse A	0	0	0	0	0	0	N/A
19	Rinse A	0	0	0	0	0	0	N/A
20	Rinse A	0	0	0	0	0	0	N/A
Ae_A	[pmol/mm³]	3.85	4.20	9.54	6.26	5.96	2.61	43.8

	K * 10 ⁻² [μL/min/mm ²]							
	1	2	3	4	Mean	SD	CV [%]	
	7.84	8.64	10.5	8.53	8.87	1.12	12.6	
	0.71	0.60	1.88	0.61	0.95	0.62	65.7	
	0	0	0	0	0	0	N/A	
	0	0	0	0	0	0	N/A	
	Excl*	0	0	0	0	0	N/A	
	0	0	0	Excl*	0	0	N/A	
	0	0	0	0	0	0	N/A	
	0	0	0	0	0	0	N/A	
	0	0	0	0	0	0	N/A	
	0	0	0	0	0	0	N/A	
K_B	Mean¹⁾	14.6	16.1	16.4	12.7	15.0	1.68	11.2
	SD	0.16	0.08	0.23	0.15			
	CV [%]	1.10	0.50	1.38	1.18			
%iAUD_B²⁾		98.4	97.6	98.6	98.6	98.3	0.50	0.51

Sample	Phase B	Recovery ¹⁴ C-ZK 894 [%]						
		1	2	3	4	Mean	SD	CV [%]
21	Phase B	N/A	N/A	N/A	N/A	N/A	N/A	N/A
22	Phase B	39.7	42.3	43.2	35.7	40.2	3.38	8.40
23	Phase B	40.6	43.8	44.3	37.1	41.5	3.33	8.02
24	Phase B	41.0	43.9	45.2	37.7	41.9	3.31	7.88
25	Phase B	41.6	43.7	46.0	36.9	42.0	3.87	9.20
26	Phase B	43.3	45.6	46.3	38.4	43.4	3.59	8.27
27	Phase B	42.7	45.5	46.6	38.6	43.4	3.56	8.21
28	Phase B	42.6	45.6	46.2	37.9	43.1	3.78	8.76
29	Phase B	42.1	45.2	46.0	38.0	42.8	3.64	8.50
30	Phase B	42.1	45.6	45.5	37.8	42.8	3.66	8.57
REC_B	Mean¹⁾	42.4	45.5	46.1	38.1	43.0	3.65	8.50
	SD	0.35	0.17	0.46	0.35			
	CV [%]	0.82	0.36	1.00	0.92			

	K * 10 ⁻² [μL/min/mm ²]							
	1	2	3	4	Mean	SD	CV [%]	
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	13.4	14.6	15.0	11.7	13.7	1.48	10.8	
	13.8	15.3	15.5	12.3	14.2	1.49	10.5	
	14.0	15.3	15.9	12.6	14.5	1.50	10.4	
	14.3	15.2	16.3	12.2	14.5	1.75	12.1	
	15.1	16.2	16.5	12.8	15.1	1.65	10.9	
	14.8	16.1	16.7	12.9	15.1	1.65	10.9	
	14.7	16.2	16.4	12.7	15.0	1.73	11.5	
	14.5	16.0	16.3	12.7	14.9	1.67	11.2	
	14.5	16.1	16.1	12.6	14.8	1.67	11.3	
K_B	Mean¹⁾	14.6	16.1	16.4	12.7	15.0	1.68	11.2
	SD	0.16	0.08	0.23	0.15			
	CV [%]	1.10	0.50	1.38	1.18			
%iAUD_B²⁾		98.4	97.6	98.6	98.6	98.3	0.50	0.51

Sample	Rinse B	Recovery ¹⁴ C-ZK 894 [%]						
		1	2	3	4	Mean	SD	CV [%]
31	Rinse B	24.5	26.4	29.5	23.0	25.9	2.80	10.8
32	Rinse B	1.87	1.82	2.33	1.11	1.78	0.50	28.2
33	Rinse B	0.93	0.94	1.02	0.49	0.84	0.24	28.6
34	Rinse B	0.61	0.62	0.62	0.41	0.57	0.10	18.2
35	Rinse B	0.47	0.50	0.44	0.68	0.52	0.10	20.0
36	Rinse B	0.35	0.30	0.45	0.23	0.33	0.09	27.3
37	Rinse B	0.22	0.25	0.30	0	0.19	0.13	69.0
38	Rinse B	0.27	0.27	0.26	0	0.27	0.01	2.96
39	Rinse B	0	0.23	0.23	0	0.12	0.13	115
40	Rinse B	0.20	0.20	0.21	0	0.15	0.10	66.7
Ae_B	[pmol/mm³]	50.2	51.7	75.0	46.1	55.8	13.1	23.4

	K * 10 ⁻² [μL/min/mm ²]						
	1	2	3	4	Mean	SD	CV [%]
	7.46	8.13	9.28	6.94	7.95	1.01	12.7
	0.50	0.49	0.62	0.30	0.48	0.14	28.4
	0.25	0.25	0.27	0.13	0.22	0.06	28.7
	0.16	0.17	0.17	0.11	0.15	0.03	18.2
	0.13	0.13	0.12	0.18	0.14	0.03	20.1
	0.09	0.08	0.12	0.06	0.09	0.02	27.4
	0.06	0.07	0.08	0	0.05	0.04	69.1
	0.07	0.07	0.07	0	0.07	0.002	2.9636
	0	0.06	0.06	0	0.03	0.04	115
	0.05	0.05	0.05	0	0.04	0.03	66.7

Probe:		Recovery ¹⁴ C-ZK 894 [%]						
		1	2	3	4	Mean	SD	CV [%]
REC	Mean³⁾	42.2	44.9	45.5	37.8	42.6	3.51	8.25
	SD	1.36	1.42	0.91	0.91			
	CV [%]	3.23	3.17	2.01	2.41			
Ae⁴⁾	[pmol/mm³]	0	0	2.53	1.80	1.08	1.29	119

K	Probe:	K * 10 ⁻² [μL/min/mm ²]						
		1	2	3	4	Mean	SD	CV [%]
K	Mean³⁾	14.5	15.8	16.1	12.6	14.8	1.60	10.8
	SD	0.63	0.69	0.44	0.39			
	CV [%]	4.30	4.34	2.75	3.08			
%iAUD⁴⁾		98.1	99.8	97.9	97.1	98.2	1.13	1.13

For the legend, see T 11

T 28: Microdialysis data MAB 8.4.4 probe (PES, 6 kDa) and ¹⁴C-ZK 975

Sample	Phase A	Recovery ¹⁴ C-ZK 975 [%]						
		1	2	3	4	Mean	SD	CV [%]
1	Phase A	N/S	N/A	N/A	N/A	N/A	N/A	N/A
2	Phase A	N/S	9.55	8.41	6.54	8.17	1.52	N/A
3	Phase A	N/S	16.9	14.0	13.2	14.7	1.93	13.1
4	Phase A	N/S	19.0	16.6	16.2	17.3	1.53	8.85
5	Phase A	N/S	19.9	19.2	17.3	18.8	1.32	7.05
6	Phase A	N/S	21.1	20.2	19.3	20.2	0.92	4.57
7	Phase A	N/S	23.3	23.2	20.3	22.3	1.72	7.71
8	Phase A	N/S	23.4	23.6	21.8	22.9	1.02	4.43
9	Phase A	N/S	23.6	23.5	19.6	22.2	2.30	10.3
10	Phase A	N/S	24.3	24.7	22.6	23.9	1.08	4.54
REC_A	Mean¹⁾	N/A	23.7	23.8	21.1	22.8	1.52	6.68
	SD	N/A	0.46	0.62	1.38			
	CV [%]	N/A	1.96	2.61	6.56			

	K * 10 ⁻² [μL/min/mm ²]							
	1	2	3	4	Mean	SD	CV [%]	
	N/S	N/A	N/A	N/A	N/A	N/A	N/A	
	N/S	6.65	5.82	4.48	5.65	1.10	N/A	
	N/S	12.2	9.95	9.39	10.5	1.50	14.3	
	N/S	14.0	12.0	11.7	12.6	1.23	9.79	
	N/S	14.7	14.1	12.6	13.8	1.08	7.80	
	N/S	15.7	14.9	14.2	15.0	0.77	5.12	
	N/S	17.5	17.5	15.0	16.7	1.45	8.71	
	N/S	17.7	17.8	16.3	17.3	0.87	5.04	
	N/S	17.9	17.7	14.4	16.7	1.94	11.6	
	N/S	18.5	18.7	17.0	18.1	0.94	5.20	
K_A	Mean¹⁾	N/A	17.9	18.0	15.7	17.2	1.30	7.55
	SD	N/A	0.40	0.54	1.16			
	CV [%]	N/A	2.26	3.01	7.40			
%iAUD_A²⁾		N/A	85.4	81.0	83.2	83.2	2.23	2.67

Sample	Rinse A	Recovery ¹⁴ C-ZK 975 [%]						
		1	2	3	4	Mean	SD	CV [%]
11	Rinse A	N/S	22.8	23.1	23.8	23.2	0.50	2.17
12	Rinse A	N/S	16.4	16.9	18.6	17.3	1.18	6.84
13	Rinse A	N/S	12.2	12.2	11.2	11.9	0.57	4.78
14	Rinse A	N/S	8.05	8.89	8.06	8.33	0.48	5.76
15	Rinse A	N/S	6.61	6.67	5.73	6.34	0.53	8.36
16	Rinse A	N/S	5.56	5.97	5.66	5.73	0.22	3.80
17	Rinse A	N/S	5.12	4.59	4.50	4.74	0.33	7.05
18	Rinse A	N/S	3.95	4.55	3.77	4.09	0.41	9.95
19	Rinse A	N/S	3.76	3.06	3.05	3.29	0.40	12.3
20	Rinse A	N/S	3.16	3.49	2.59	3.08	0.46	14.8
Ae_A	[pmol/mm³]	N/A	87.3	89.5	90.0	88.9	1.43	1.61

	K * 10 ⁻² [μL/min/mm ²]						
	1	2	3	4	Mean	SD	CV [%]
	N/S	17.2	17.4	18.0	17.5	0.43	2.48
	N/S	11.8	12.2	13.6	12.6	0.95	7.55
	N/S	8.62	8.60	7.87	8.36	0.43	5.09
	N/S	5.56	6.16	5.56	5.76	0.35	6.02
	N/S	4.53	4.57	3.90	4.34	0.37	8.63
	N/S	3.79	4.08	3.86	3.91	0.15	3.91
	N/S	3.48	3.11	3.05	3.21	0.23	7.23
	N/S	2.67	3.08	2.54	2.77	0.28	10.2
	N/S	2.54	2.06	2.05	2.22	0.28	12.5
	N/S	2.13	2.35	1.74	2.07	0.31	15.0

Sample	Phase B	Recovery ¹⁴ C-ZK 975 [%]						
		1	2	3	4	Mean	SD	CV [%]
21	Phase B	N/S	N/A	N/A	N/A	N/A	N/A	N/A
22	Phase B	N/S	14.2	13.5	14.1	13.9	0.37	2.63
23	Phase B	N/S	16.2	16.0	16.9	16.3	0.46	2.82
24	Phase B	N/S	18.4	17.6	18.9	18.3	0.65	3.54
25	Phase B	N/S	19.1	19.0	19.8	19.3	0.43	2.24
26	Phase B	N/S	19.9	19.5	20.4	19.9	0.48	2.43
27	Phase B	N/S	20.3	20.1	21.4	20.6	0.71	3.46
28	Phase B	N/S	20.1	20.1	22.2	20.8	1.19	5.71
29	Phase B	N/S	21.1	20.6	21.7	21.2	0.56	2.64
30	Phase B	N/S	21.1	20.5	21.4	21.0	0.46	2.20
REC_B	Mean¹⁾	N/A	20.7	20.3	21.7	20.9	0.71	3.38
	SD	N/A	0.51	0.28	0.38			
	CV [%]	N/A	2.45	1.37	1.73			

	K * 10 ⁻² [μL/min/mm ²]							
	1	2	3	4	Mean	SD	CV [%]	
	N/S	N/A	N/A	N/A	N/A	N/A	N/A	
	N/S	10.1	9.62	10.1	9.94	0.28	2.84	
	N/S	11.7	11.5	12.2	11.8	0.37	3.09	
	N/S	13.4	12.8	13.9	13.4	0.52	3.92	
	N/S	14.0	14.0	14.6	14.2	0.36	2.50	
	N/S	14.7	14.3	15.1	14.7	0.40	2.73	
	N/S	15.1	14.8	16.0	15.3	0.60	3.90	
	N/S	14.9	14.9	16.6	15.5	1.00	6.46	
	N/S	15.7	15.3	16.2	15.7	0.47	2.98	
	N/S	15.7	15.2	16.0	15.6	0.39	2.48	
K_B	Mean¹⁾	N/A	15.3	15.1	16.2	15.5	0.59	3.82
	SD	N/A	0.42	0.23	0.32			
	CV [%]	N/A	2.75	1.53	1.97			
%iAUD_B²⁾		N/A	91.6	91.4	90.8	91.3	0.40	0.44

Sample	Rinse B	Recovery ¹⁴ C-ZK 975 [%]						
		1	2	3	4	Mean	SD	CV [%]
31	Rinse B	N/S	19.3	19.4	21.1	20.0	1.02	5.11
32	Rinse B	N/S	11.8	11.7	13.9	12.5	1.20	9.65
33	Rinse B	N/S	7.42	7.76	8.66	7.95	0.64	8.08
34	Rinse B	N/S	5.67	5.64	6.62	5.98	0.56	9.34
35	Rinse B	N/S	4.48	4.42	5.00	4.63	0.32	6.92
36	Rinse B	N/S	3.77	3.91	4.36	4.01	0.31	7.77
37	Rinse B	N/S	3.21	3.49	3.75	3.48	0.27	7.70
38	Rinse B	N/S	2.76	2.97	3.28	3.00	0.26	8.77
39	Rinse B	N/S	2.50	2.57	2.87	2.65	0.19	7.29
40	Rinse B	N/S	2.29	2.38	2.71	2.46	0.22	9.00
Ae_B	[pmol/mm³]	N/A	651	681	769	700	61.7	8.81

	K * 10 ⁻² [μL/min/mm ²]						
	1	2	3	4	Mean	SD	CV [%]
	N/S	14.2	14.3	15.7	14.8	0.85	5.75
	N/S	8.31	8.27	9.88	8.82	0.91	10.4
	N/S	5.10	5.35	6.00	5.48	0.46	8.44
	N/S	3.86	3.85	4.54	4.08	0.39	9.65
	N/S	3.03	2.99	3.40	3.14	0.22	7.09
	N/S	2.54	2.64	2.95	2.71	0.22	7.93
	N/S	2.16	2.35	2.53	2.35	0.18	7.84
	N/S	1.85	2.00	2.21	2.02	0.18	8.91
	N/S	1.68	1.72	1.93	1.78	0.13	7.39
	N/S	1.53	1.60	1.82	1.65	0.15	9.12

Probe:	Recovery ¹⁴ C-ZK 975 [%]							
	1	2	3	4	Mean	SD	CV [%]	
REC	Mean³⁾	N/A	22.2	22.0	21.4	21.9	0.42	1.94
	SD	N/A	1.66	1.88	0.99			
	CV [%]	N/A	7.49	8.53	4.65			
Ae⁴⁾	[pmol/mm³]	N/A	19.7	16.0	13.4	16.3	3.18	19.5

K	K * 10 ⁻² [μL/min/mm ²]							
	1	2	3	4	Mean	SD	CV [%]	
K	Mean³⁾	N/A	16.6	16.5	15.9	16.4	0.36	2.23
	SD	N/A	1.41	1.60	0.83			
	CV [%]	N/A	8.51	9.69	5.24			
%iAUD⁴⁾		N/A	88.3	85.7	87.1	87.0	1.28	1.28

For the legend, see T 11

T 29: Microdialysis data MAB 8.4.4 probe (PES, 6 kDa) and ¹⁴C-ZK 894

Sample	Phase A	Recovery ¹⁴ C-ZK 894 [%]						
		1	2	3	4	Mean	SD	CV [%]
1	Phase A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2	Phase A	26.8	28.2	24.6	19.6	24.8	3.78	15.3
3	Phase A	28.1	27.6	25.5	20.0	25.3	3.72	14.7
4	Phase A	32.4	29.6	24.4	19.7	26.5	5.63	21.2
5	Phase A	27.1	29.1	24.6	19.5	25.1	4.13	16.5
6	Phase A	27.0	28.6	24.3	19.2	24.8	4.10	16.5
7	Phase A	28.7	27.7	24.6	20.4	25.3	3.71	14.6
8	Phase A	29.5	28.6	25.8	21.3	26.3	3.69	14.0
9	Phase A	28.2	27.9	24.4	19.8	25.1	3.92	15.6
10	Phase A	27.8	28.5	25.2	20.2	25.4	3.78	14.9
REC_A	Mean¹⁾	28.5	28.2	25.0	20.4	25.5	3.76	14.7
	SD	0.76	0.46	0.63	0.66			
	CV [%]	2.67	1.63	2.53	3.25			

	K * 10 ⁻² [μL/min/mm ²]							
	1	2	3	4	Mean	SD	CV [%]	
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	20.6	21.9	18.7	14.4	18.9	3.29	17.4	
	21.8	21.4	19.5	14.7	19.4	3.24	16.8	
	26.0	23.2	18.6	14.5	20.6	5.05	24.6	
	20.9	22.8	18.7	14.4	19.2	3.61	18.8	
	20.8	22.3	18.4	14.1	18.9	3.56	18.8	
	22.4	21.5	18.7	15.1	19.4	3.26	16.8	
	23.2	22.3	19.8	15.9	20.3	3.27	16.1	
	21.9	21.6	18.6	14.6	19.2	3.42	17.8	
	21.5	22.2	19.2	14.9	19.5	3.31	17.0	
K_A	Mean¹⁾	22.3	21.9	19.1	15.1	19.6	3.30	16.9
	SD	0.71	0.42	0.56	0.55			
	CV [%]	3.18	1.93	2.94	3.66			
	%iAUD_A²⁾	100	101	99.1	97.6	99.4	1.48	1.49

Sample	Rinse A	Recovery ¹⁴ C-ZK 894 [%]						
		1	2	3	4	Mean	SD	CV [%]
11	Rinse A	13.8	16.1	14.5	14.2	14.6	1.02	6.93
12	Rinse A	0	0	0	0	0	0	N/A
13	Rinse A	0	0.77	0	0.30	0.27	0.36	136
14	Rinse A	0	0	0	0	0	0	N/A
15	Rinse A	0	0	0	0	0	0	N/A
16	Rinse A	0	0	0	0	0	0	N/A
17	Rinse A	0	0	0	0	0	0	N/A
18	Rinse A	0	0	0	0	0	0	N/A
19	Rinse A	0	0.31	0	0	0.08	0.15	200
20	Rinse A	0	0	0	0	0	0	N/A
Ae_A	[pmol/mm³]	0.70	12.0	2.66	7.33	5.68	5.07	89.2

	K * 10 ⁻² [μL/min/mm ²]						
	1	2	3	4	Mean	SD	CV [%]
	9.80	11.6	10.4	10.2	10.5	0.79	7.54
	0	0	0	0	0	0	N/A
	0	0.51	0	0.20	0.18	0.24	136
	0	0	0	0	0	0	N/A
	0	0	0	0	0	0	N/A
	0	0	0	0	0	0	N/A
	0	0	0	0	0	0	N/A
	0	0	0	0	0	0	N/A
	0	0	0	0	0	0	N/A
	0	0.21	0	0	0.05	0.10	200
	0	0	0	0	0	0	N/A

Sample	Phase B	Recovery ¹⁴ C-ZK 894 [%]						
		1	2	3	4	Mean	SD	CV [%]
21	Phase B	N/A	N/A	N/A	N/A	N/A	N/A	N/A
22	Phase B	26.8	26.1	24.4	19.0	24.1	3.53	14.7
23	Phase B	27.0	26.3	24.5	20.2	24.5	3.06	12.5
24	Phase B	27.9	26.6	25.1	20.0	24.9	3.44	13.8
25	Phase B	28.0	26.9	25.2	21.1	25.3	3.03	12.0
26	Phase B	27.6	26.6	25.4	21.7	25.3	2.58	10.2
27	Phase B	27.0	26.8	24.7	21.1	24.9	2.74	11.0
28	Phase B	27.6	26.4	24.7	21.2	25.0	2.80	11.2
29	Phase B	29.0	28.1	25.5	21.9	26.1	3.18	12.2
30	Phase B	31.9	28.0	25.6	21.5	26.7	4.34	16.2
REC_B	Mean¹⁾	28.9	27.3	25.1	21.4	25.7	3.23	12.6
	SD	2.15	0.87	0.49	0.38			
	CV [%]	7.43	3.18	1.94	1.77			

	K * 10 ⁻² [μL/min/mm ²]							
	1	2	3	4	Mean	SD	CV [%]	
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	20.7	20.0	18.5	14.0	18.3	3.03	16.5	
	20.9	20.2	18.6	14.9	18.7	2.65	14.2	
	21.7	20.5	19.1	14.8	19.0	2.99	15.7	
	21.8	20.7	19.2	15.7	19.4	2.66	13.7	
	21.3	20.5	19.4	16.2	19.3	2.26	11.7	
	20.9	20.7	18.8	15.7	19.0	2.39	12.6	
	21.4	20.3	18.8	15.7	19.0	2.45	12.9	
	22.7	21.9	19.5	16.4	20.1	2.83	14.1	
	25.4	21.8	19.6	16.0	20.7	3.92	19.0	
K_B	Mean¹⁾	22.6	21.1	19.2	16.0	19.7	2.87	14.5
	SD	2.02	0.79	0.43	0.32			
	CV [%]	8.93	3.74	2.25	2.00			
	%iAUD_B²⁾	96.1	97.9	99.4	97.4	97.7	1.36	1.39

Sample	Rinse B	Recovery ¹⁴ C-ZK 894 [%]						
		1	2	3	4	Mean	SD	CV [%]
31	Rinse B	15.0	18.3	15.3	13.2	15.4	2.13	13.8
32	Rinse B	0.77	1.03	0.43	1.09	0.83	0.30	36.1
33	Rinse B	0.27	0.41	0.18	0.47	0.33	0.13	38.5
34	Rinse B	0.36	1.07	0.18	0	0.40	0.47	116
35	Rinse B	1.20	0.48	0.26	0.48	0.61	0.41	67.2
36	Rinse B	0.21	0.20	0	0	0.10	0.12	116
37	Rinse B	0.65	0.23	0.19	0	0.27	0.27	102
38	Rinse B	0	0	0	0	0	0	N/A
39	Rinse B	0.20	0	0	0	0.05	0.10	200
40	Rinse B	0	0	0	0	0	0	N/A
Ae_B	[pmol/mm³]	28.1	57.9	29.1	37.2	38.1	13.8	36.3

	K * 10 ⁻² [μL/min/mm ²]						
	1	2	3	4	Mean	SD	CV [%]
	10.8	13.4	11.0	9.34	11.1	1.68	15.1
	0.51	0.69	0.29	0.73	0.55	0.20	36.3
	0.18	0.27	0.12	0.31	0.22	0.08	38.5
	0.24	0.71	0.12	0	0.27	0.31	116
	0.80	0.32	0.17	0.32	0.40	0.27	67.5
	0.14	0.13	0	0	0.07	0.08	116
	0.43	0.15	0.13	0	0.18	0.18	102
	0	0	0	0	0	0	N/A
	0.13	0	0	0	0.03	0.07	200
	0	0	0	0	0	0	N/A

Probe:		Recovery ¹⁴ C-ZK 894 [%]						
		1	2	3	4	Mean	SD	CV [%]
REC	Mean³⁾	28.7	27.7	25.1	20.9	25.6	3.49	13.6
	SD	1.50	0.78	0.53	0.74			
	CV [%]	5.23	2.83	2.10	3.53			
Ae⁴⁾	[pmol/mm³]	0	6.95	0	4.24	2.80	3.41	122

K	Probe:	K * 10 ⁻² [μL/min/mm ²]						
		1	2	3	4	Mean	SD	CV [%]
K	Mean³⁾	22.4	21.5	19.1	15.5	19.7	3.07	15.6
	SD	1.41	0.72	0.47	0.62			
	CV [%]	6.30	3.33	2.44	3.97			
	%iAUD⁴⁾	98.1	99.5	99.2	97.5	98.6	0.95	0.95

For the legend, see T 11

T 30: Microdialysis data MAB 4.15.4 probe (PES, 6 kDa) and ¹⁴C-ZK 975

Sample	Phase A	Recovery ¹⁴ C-ZK 975 [%]						
		1	2	3	4	Mean	SD	CV [%]
1	Phase A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2	Phase A	9.21	7.63	7.89	4.27	7.25	2.10	N/A
3	Phase A	15.1	14.9	21.2	15.2	16.6	3.07	18.5
4	Phase A	21.8	23.8	24.6	21.7	23.0	1.48	6.44
5	Phase A	26.5	28.8	30.1	24.4	27.5	2.52	9.18
6	Phase A	47.4	29.3	32.6	28.0	34.3	8.92	26.0
7	Phase A	36.7	31.6	30.8	29.4	32.1	3.17	9.87
8	Phase A	36.0	32.5	33.5	27.8	32.4	3.42	10.6
9	Phase A	35.3	32.1	34.7	26.8	32.2	3.84	11.9
10	Phase A	31.9	33.9	33.1	27.1	31.5	3.05	9.67
REC_A Mean¹⁾		35.0	32.5	33.0	27.8	32.1	3.05	9.50
SD		2.10	0.98	1.62	1.14			
CV [%]		6.00	3.02	4.89	4.11			

	K * 10 ⁻² [μL/min/mm ²]						
	1	2	3	4	Mean	SD	CV [%]
	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	6.40	5.26	5.45	2.89	5.00	1.49	N/A
	10.9	10.7	15.8	10.9	12.1	2.49	20.6
	16.3	18.0	18.7	16.2	17.3	1.27	7.36
	20.4	22.5	23.7	18.5	21.3	2.30	10.8
	42.5	22.9	26.2	21.7	28.3	9.63	34.0
	30.2	25.2	24.4	23.0	25.7	3.15	12.2
	29.5	26.0	27.0	21.6	26.0	3.32	12.8
	28.8	25.6	28.2	20.7	25.8	3.69	14.3
	25.5	27.4	26.6	20.9	25.1	2.90	11.5
K_A Mean¹⁾	28.5	26.1	26.6	21.6	25.7	2.94	11.4
SD	2.11	0.97	1.59	1.05			
CV [%]	7.40	3.71	5.98	4.88			
%iAUD_A²⁾	85.3	80.3	84.7	83.8	83.5	2.26	2.71

Sample	Rinse A	Recovery ¹⁴ C-ZK 975 [%]						
		1	2	3	4	Mean	SD	CV [%]
11	Rinse A	31.9	39.2	33.0	28.0	33.0	4.64	14.0
12	Rinse A	26.4	24.3	24.4	20.6	23.9	2.44	10.2
13	Rinse A	17.1	17.1	16.3	14.3	16.2	1.30	8.03
14	Rinse A	13.4	12.4	8.14	11.4	11.3	2.29	20.2
15	Rinse A	11.7	7.44	7.42	6.78	8.35	2.29	27.4
16	Rinse A	6.19	6.22	5.84	4.73	5.75	0.70	12.1
17	Rinse A	6.37	4.38	3.99	3.97	4.68	1.15	24.5
18	Rinse A	5.67	0	0	3.40	2.27	2.78	123
19	Rinse A	4.49	0	0	0	1.12	2.24	200
20	Rinse A	3.50	0	0	0	0.87	1.75	200
Ae_A [pmol/mm³]		54.3	63.7	48.6	51.3	54.5	6.57	12.1

	K * 10 ⁻² [μL/min/mm ²]						
	1	2	3	4	Mean	SD	CV [%]
	25.4	32.9	26.5	21.8	26.7	4.65	17.5
	20.3	18.5	18.5	15.3	18.1	2.11	11.6
	12.4	12.4	11.8	10.2	11.7	1.02	8.73
	9.52	8.80	5.62	8.00	7.99	1.70	21.2
	8.28	5.12	5.11	4.65	5.79	1.67	28.9
	4.23	4.25	3.99	3.21	3.92	0.49	12.5
	4.36	2.97	2.70	2.68	3.18	0.80	25.2
	3.86	0	0	2.29	1.54	1.89	123
	3.04	0	0	0	0.76	1.52	200
	2.36	0	0	0	0.59	1.18	200

Sample	Phase B	Recovery ¹⁴ C-ZK 975 [%]						
		1	2	3	4	Mean	SD	CV [%]
21	Phase B	N/A	N/A	N/A	N/A	N/A	N/A	N/A
22	Phase B	11.8	13.7	15.4	10.5	12.9	2.15	16.7
23	Phase B	20.4	21.1	23.1	19.2	21.0	1.62	7.70
24	Phase B	23.8	25.8	26.7	22.9	24.8	1.77	7.14
25	Phase B	24.6	27.0	27.7	25.4	26.2	1.43	5.45
26	Phase B	26.7	28.6	29.6	26.6	27.9	1.46	5.23
27	Phase B	26.6	27.3	29.7	27.0	27.7	1.37	4.97
28	Phase B	26.5	26.9	29.5	27.0	27.5	1.35	4.90
29	Phase B	25.8	27.1	30.3	27.6	27.7	1.90	6.87
30	Phase B	26.7	28.3	29.9	27.5	28.1	1.34	4.77
REC_B Mean¹⁾		26.4	27.4	29.8	27.3	27.7	1.47	5.29
SD		0.44	0.61	0.35	0.30			
CV [%]		1.65	2.23	1.18	1.10			

	K * 10 ⁻² [μL/min/mm ²]						
	1	2	3	4	Mean	SD	CV [%]
	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	8.33	9.74	11.1	7.36	9.13	1.64	17.9
	15.1	15.7	17.4	14.2	15.6	1.36	8.71
	18.0	19.7	20.6	17.2	18.9	1.56	8.26
	18.7	20.8	21.5	19.4	20.1	1.28	6.36
	20.6	22.3	23.2	20.5	21.6	1.34	6.19
	20.5	21.2	23.3	20.8	21.4	1.27	5.92
	20.4	20.8	23.1	20.8	21.3	1.24	5.83
	19.7	20.9	23.9	21.4	21.5	1.76	8.17
	20.6	22.0	23.5	21.3	21.8	1.24	5.67
K_B Mean¹⁾	20.3	21.2	23.5	21.1	21.5	1.35	6.29
SD	0.39	0.56	0.33	0.27			
CV [%]	1.92	2.64	1.42	1.30			
%iAUD_B²⁾	90.7	92.7	90.8	88.2	90.6	1.84	2.03

Sample	Rinse B	Recovery ¹⁴ C-ZK 975 [%]						
		1	2	3	4	Mean	SD	CV [%]
31	Rinse B	24.2	26.0	27.9	26.8	26.2	1.54	5.88
32	Rinse B	14.4	15.2	15.8	16.9	15.6	1.09	6.98
33	Rinse B	8.88	8.88	8.50	9.35	8.90	0.35	3.90
34	Rinse B	5.82	5.90	5.41	5.91	5.76	0.24	4.16
35	Rinse B	4.33	4.34	3.75	4.10	4.13	0.28	6.76
36	Rinse B	3.47	2.89	2.77	3.18	3.08	0.31	10.2
37	Rinse B	2.70	2.53	2.24	2.31	2.44	0.21	8.57
38	Rinse B	2.40	1.99	1.72	1.93	2.01	0.28	14.1
39	Rinse B	1.83	1.50	1.53	1.60	1.61	0.15	9.38
40	Rinse B	1.58	1.18	1.26	1.29	1.33	0.18	13.3
Ae_B [pmol/mm³]		405	404	359	376	386	22.4	5.81

	K * 10 ⁻² [μL/min/mm ²]						
	1	2	3	4	Mean	SD	CV [%]
	18.4	20.0	21.7	20.6	20.2	1.38	6.85
	10.3	10.9	11.4	12.3	11.2	0.85	7.61
	6.16	6.16	5.88	6.50	6.18	0.25	4.09
	3.97	4.03	3.68	4.03	3.93	0.17	4.28
	2.93	2.94	2.53	2.77	2.79	0.19	6.90
	2.34	1.94	1.86	2.14	2.07	0.21	10.3
	1.81	1.70	1.50	1.55	1.64	0.14	8.68
	1.61	1.33	1.15	1.29	1.34	0.19	14.3
	1.22	1.00	1.02	1.07	1.08	0.10	9.46
	1.06	0.79	0.84	0.86	0.88	0.12	13.4

Probe:	1	2	3	4	Mean	SD	CV [%]
REC Mean³⁾	30.7	30.0	31.4	27.5	29.9	1.70	5.67
SD	4.77	2.83	2.02	0.82			
CV [%]	15.6	9.46	6.43	2.99			
Ae⁴⁾ [pmol/mm³]	8.88	26.2	12.8	14.3	15.5	7.45	47.9

Probe:	1	2	3	4	Mean	SD	CV [%]
K Mean³⁾	24.4	23.6	25.0	21.3	23.6	1.62	6.86
SD	4.60	2.69	1.97	0.76			
CV [%]	18.8	11.4	7.86	3.56			
%iAUD⁴⁾	87.5	85.8	87.6	86.0	86.7	0.96	0.96

For the legend, see T 11

T 31: Microdialysis data MAB 4.15.4 probe (PES, 6 kDa) and ¹⁴C-ZK 894

Sample	Phase A	Recovery ¹⁴ C-ZK 894 [%]						
		1	2	3	4	Mean	SD	CV [%]
1	Phase A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2	Phase A	22.5	10.2	25.5	27.4	21.4	7.72	36.0
3	Phase A	24.4	10.3	27.0	28.6	22.6	8.36	37.0
4	Phase A	43.2*	10.7	26.2	28.8	21.9	9.78	44.6
5	Phase A	34.2*	12.0	27.7	28.8	22.9	9.40	41.1
6	Phase A	25.3	10.7	27.0	29.6	23.2	8.48	36.6
7	Phase A	24.6	11.9	27.6	30.9	23.8	8.32	35.0
8	Phase A	25.3	10.8	27.8	30.0	23.5	8.65	36.8
9	Phase A	25.5	11.4	27.8	29.7	23.6	8.34	35.3
10	Phase A	25.3	11.6	27.5	30.4	23.7	8.34	35.2
REC_A	Mean¹⁾	25.2	11.4	27.7	30.3	23.6	8.41	35.6
	SD	0.39	0.44	0.16	0.53			
	CV [%]	1.55	3.89	0.58	1.74			

	K * 10 ⁻² [μL/min/mm ²]							
	1	2	3	4	Mean	SD	CV [%]	
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	16.9	7.15	19.5	21.2	16.2	6.28	38.8	
	18.5	7.21	20.9	22.3	17.2	6.86	39.8	
	Excl*	7.51	20.1	22.5	16.7	8.06	48.2	
	Excl*	8.48	21.5	22.5	17.5	7.82	44.7	
	19.3	7.52	20.8	23.3	17.7	7.01	39.5	
	18.7	8.39	21.4	24.5	18.3	6.99	38.3	
	19.3	7.60	21.6	23.7	18.0	7.18	39.8	
	19.5	7.98	21.6	23.3	18.1	6.93	38.3	
	19.4	8.16	21.3	24.0	18.2	6.96	38.3	
K_A	Mean¹⁾	19.2	8.03	21.5	23.9	18.1	7.01	38.6
	SD	0.34	0.33	0.15	0.50			
	CV [%]	1.80	4.13	0.69	2.09			
%iAUD_A²⁾		98.4	97.0	98.0	96.7	97.5	0.79	0.81

Sample	Rinse A	Recovery ¹⁴ C-ZK 894 [%]						
		1	2	3	4	Mean	SD	CV [%]
11	Rinse A	14.3	7.23	16.2	19.7	14.4	5.25	36.6
12	Rinse A	0	0	0	0	0	0	N/A
13	Rinse A	0	0	0	0	0	0	N/A
14	Rinse A	0	5.93*	0	0	0	0	N/A
15	Rinse A	0	0	0	0	0	0	N/A
16	Rinse A	0	0	0	0	0	0	N/A
17	Rinse A	0	0	0	0	0	0	N/A
18	Rinse A	0	0	0	0	0	0	N/A
19	Rinse A	0	0	0	0	0	0	N/A
20	Rinse A	0	0	0	0	0	0	N/A
Ae_A	[pmol/mm³]	3.89	2.97	5.15	7.87	4.97	2.13	42.8

	K * 10 ⁻² [μL/min/mm ²]						
	1	2	3	4	Mean	SD	CV [%]
	10.2	4.97	11.7	14.5	10.4	4.01	38.7
	0	0	0	0	0	0	N/A
	0	0	0	0	0	0	N/A
	0	Excl*	0	0	0	0	N/A
	0	0	0	0	0	0	N/A
	0	0	0	0	0	0	N/A
	0	0	0	0	0	0	N/A
	0	0	0	0	0	0	N/A
	0	0	0	0	0	0	N/A
	0	0	0	0	0	0	N/A
	0	0	0	0	0	0	N/A
	0	0	0	0	0	0	N/A

Sample	Phase B	Recovery ¹⁴ C-ZK 894 [%]						
		1	2	3	4	Mean	SD	CV [%]
21	Phase B	N/A	N/A	N/A	N/A	N/A	N/A	N/A
22	Phase B	22.7	9.02	24.3	26.8	20.7	7.97	38.5
23	Phase B	23.6	9.75	25.9	29.0	22.0	8.49	38.5
24	Phase B	24.1	9.43	26.5	28.2	22.1	8.58	38.9
25	Phase B	24.0	9.39	25.5	28.2	21.8	8.43	38.7
26	Phase B	24.1	9.43	24.9	28.4	21.7	8.40	38.7
27	Phase B	24.0	9.42	24.8	27.9	21.5	8.25	38.3
28	Phase B	23.7	9.57	25.3	27.8	21.6	8.19	37.9
29	Phase B	23.5	9.61	24.6	27.3	21.3	7.94	37.3
30	Phase B	23.9	9.50	25.0	27.4	21.4	8.09	37.7
REC_B	Mean¹⁾	23.8	9.52	24.9	27.6	21.5	8.12	37.8
	SD	0.21	0.08	0.31	0.27			
	CV [%]	0.87	0.87	1.22	0.99			

	K * 10 ⁻² [μL/min/mm ²]							
	1	2	3	4	Mean	SD	CV [%]	
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	17.0	6.26	18.5	20.7	15.6	6.41	41.0	
	17.8	6.80	19.8	22.7	16.8	6.95	41.4	
	18.3	6.56	20.4	22.0	16.8	6.98	41.6	
	18.2	6.53	19.5	21.9	16.5	6.85	41.4	
	18.3	6.56	19.0	22.1	16.5	6.82	41.4	
	18.2	6.55	18.9	21.7	16.3	6.68	40.9	
	17.9	6.66	19.4	21.5	16.4	6.64	40.6	
	17.8	6.69	18.7	21.2	16.1	6.42	39.9	
	18.1	6.61	19.0	21.2	16.2	6.54	40.3	
K_B	Mean¹⁾	18.0	6.63	19.0	21.4	16.2	6.57	40.4
	SD	0.18	0.06	0.27	0.25			
	CV [%]	1.00	0.92	1.42	1.17			
%iAUD_B²⁾		100	99.6	102	102	101	1.08	1.07

Sample	Rinse B	Recovery ¹⁴ C-ZK 894 [%]						
		1	2	3	4	Mean	SD	CV [%]
31	Rinse B	11.6	5.69	13.5	16.3	11.8	4.50	38.1
32	Rinse B	0.71	0.34	0.70	0.96	0.68	0.26	37.6
33	Rinse B	0.38	0.20	0.37	0.43	0.34	0.10	28.5
34	Rinse B	0.28	0	0.18	0.31	0.19	0.14	72.2
35	Rinse B	0.21	0	0.19	0.14	0.14	0.10	70.0
36	Rinse B	0.14	0	0	0.14	0.07	0.08	115
37	Rinse B	0	0	0	0.13	0.03	0.07	200
38	Rinse B	0.13	0	0.46	0	0.15	0.22	147
39	Rinse B	0	0	0	0	0	0	N/A
40	Rinse B	0.13	0	0	0	0.03	0.06	200
Ae_B	[pmol/mm³]	43.3	31.2	65.9	88.6	57.2	25.4	44.3

	K * 10 ⁻² [μL/min/mm ²]						
	1	2	3	4	Mean	SD	CV [%]
	8.19	3.88	9.62	11.8	8.37	3.34	39.9
	0.47	0.23	0.47	0.64	0.45	0.17	37.7
	0.25	0.13	0.24	0.28	0.23	0.07	28.5
	0.18	0	0.12	0.21	0.13	0.09	72.2
	0.14	0	0.13	0.09	0.09	0.06	70.0
	0.09	0	0	0.09	0.05	0.05	115
	0	0	0	0.09	0.02	0.04	200
	0.09	0	0.31	0	0.10	0.14	147
	0	0	0	0	0	0	N/A
	0.09	0	0	0	0.02	0.04	200

Probe:	1	2	3	4	Mean	SD	CV [%]	
								REC Mean³⁾
	SD	0.80	1.06	1.49	1.48			
	CV [%]	3.26	10.1	5.66	5.12			
Ae⁴⁾	[pmol/mm³]	0	0	0	0	0	0	N/A

K	1	2	3	4	Mean	SD	CV [%]	
								Mean³⁾
	SD	0.70	0.78	1.34	1.38			
	CV [%]	3.77	10.7	6.62	6.11			
%iAUD⁴⁾		99.2	98.2	99.7	99.1	99.0	0.62	0.62

For the legend, see T 11

T 32: Microdialysis data CMA/11 probe (Cu, 6 kDa) and ¹⁴C-ZK 975

Sample	Phase A	Recovery ¹⁴ C-ZK 975 [%]						Mean	SD	CV [%]	K * 10 ⁻² [μL/min/mm ²]						Mean	SD	CV [%]			
		1	2	3	4	5	6				1	2	3	4	5	6						
1	Phase A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
2	Phase A	20.1	14.8	16.6	17.5	16.0	18.4	17.2	1.86	N/A	14.8	10.6	12.0	12.8	11.5	13.5	12.5	1.49	N/A			
3	Phase A	21.0	15.5	16.9	18.8	17.5	20.3	18.3	2.10	11.5	15.6	11.1	12.3	13.8	12.7	15.1	13.4	1.70	12.7			
4	Phase A	22.4	14.5	17.4	18.1	16.7	20.3	18.2	2.78	15.2	16.8	10.4	12.7	13.2	12.1	15.0	13.4	2.26	16.9			
5	Phase A	24.4	17.0	17.5	18.7	17.2	19.9	19.1	2.82	14.8	18.5	12.3	12.8	13.7	12.5	14.7	14.1	2.36	16.8			
6	Phase A	22.2	18.5	16.6	19.2	18.1	20.2	19.1	1.91	9.99	16.6	13.6	12.0	14.1	13.2	15.0	14.1	1.57	11.2			
7	Phase A	23.8	16.0	16.4	20.8	18.0	20.7	19.3	3.01	15.6	18.0	11.5	11.9	15.5	13.1	15.3	14.2	2.48	17.4			
8	Phase A	23.0	16.0	18.4	20.2	18.6	20.2	19.4	2.36	12.2	17.3	11.5	13.4	14.9	13.6	15.0	14.3	1.94	13.6			
9	Phase A	23.7	16.7	18.0	18.5	18.1	19.3	19.1	2.40	12.6	17.9	12.1	13.1	13.5	13.3	14.2	14.0	2.00	14.3			
10	Phase A	22.0	16.0	17.0	18.0	16.0	19.5	18.1	2.36	13.0	16.5	11.6	12.3	13.1	11.5	14.4	13.2	1.93	14.6			
REC _A	Mean ¹⁾	23.1	16.2	17.4	19.4	17.7	19.9	19.0	2.45	13.0	K _A	Mean ¹⁾	17.4	11.7	12.7	14.3	12.9	14.7	13.9	2.03	14.5	
	SD	0.79	0.37	0.90	1.37	1.17	0.63				SD	0.68	0.29	0.72	1.12	0.93	0.52					
	CV [%]	3.43	2.28	5.15	7.06	6.60	3.15				CV [%]	3.91	2.50	5.68	7.88	7.24	3.53					
	Ae _A [pmol/mm ³]	3.30	3.37	4.02	12.3	19.1	15.6	9.63	6.98	72.5	%iAUD _A ²⁾	97.9	100	98.8	97.8	99.1	100	99.0	1.06	1.07		

Sample	Rinse A	Recovery ¹⁴ C-ZK 975 [%]						Mean	SD	CV [%]	K * 10 ⁻² [μL/min/mm ²]						Mean	SD	CV [%]
		1	2	3	4	5	6				1	2	3	4	5	6			
11	Rinse A	12.1	10.4	11.6	14.6	15.4	16.0	13.3	2.30	17.3	8.51	7.25	8.14	10.5	11.1	11.5	9.50	1.76	18.5
12	Rinse A	0	2.07	1.54	2.05	3.67	2.90	2.04	1.25	61.2	0	1.38	1.03	1.37	2.47	1.95	1.37	0.84	61.5
13	Rinse A	5.38	0	0	0	0	0	0.90	2.20	245	3.66	0	0	0	0	0	0.61	1.49	245
14	Rinse A	0	0	0	0	0	0	0	0	N/A	0	0	0	0	0	0	0	0	N/A
15	Rinse A	0	0	0	0	0	0	0	0	N/A	0	0	0	0	0	0	0	0	N/A
16	Rinse A	0	0	0	0	0	0	0	0	N/A	0	0	0	0	0	0	0	0	N/A
17	Rinse A	0	0	0	0	0	0	0	0	N/A	0	0	0	0	0	0	0	0	N/A
18	Rinse A	0	0	0	0	0	0	0	0	N/A	0	0	0	0	0	0	0	0	N/A
19	Rinse A	0	0	0	0	0	0	0	0	N/A	0	0	0	0	0	0	0	0	N/A
20	Rinse A	0	0	0	0	0	0	0	0	N/A	0	0	0	0	0	0	0	0	N/A
Ae _A	[pmol/mm ³]	3.30	3.37	4.02	12.3	19.1	15.6	9.63	6.98	72.5									

Sample	Phase B	Recovery ¹⁴ C-ZK 975 [%]						Mean	SD	CV [%]	K * 10 ⁻² [μL/min/mm ²]						Mean	SD	CV [%]			
		1	2	3	4	5	6				1	2	3	4	5	6						
21	Phase B	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
22	Phase B	17.3	12.4	11.7	15.8	15.2	16.3	14.8	2.25	15.2	12.6	8.77	8.21	11.4	10.9	11.8	10.6	1.74	16.4			
23	Phase B	18.8	13.9	12.6	17.0	15.8	17.1	15.9	2.28	14.4	13.8	9.93	8.91	12.4	11.4	12.4	11.5	1.79	15.6			
24	Phase B	18.9	13.7	12.8	17.2	16.4	16.9	16.0	2.26	14.1	13.8	9.79	9.10	12.5	11.9	12.2	11.5	1.77	15.4			
25	Phase B	19.1	13.6	12.4	17.4	16.1	16.6	15.9	2.47	15.6	14.0	9.67	8.77	12.6	11.7	12.0	11.5	1.94	16.9			
26	Phase B	18.8	13.6	12.2	16.9	16.2	17.0	15.8	2.42	15.3	13.8	9.71	8.61	12.3	11.7	12.3	11.4	1.89	16.6			
27	Phase B	19.5	13.6	12.5	16.8	15.8	16.4	15.8	2.46	15.6	14.3	9.69	8.87	12.2	11.4	11.9	11.4	1.94	17.0			
28	Phase B	19.4	13.4	12.0	16.7	15.0	15.9	15.4	2.59	16.8	14.2	9.56	8.43	12.1	10.8	11.5	11.1	2.04	18.3			
29	Phase B	18.8	13.4	11.8	16.8	15.8	15.9	15.4	2.48	16.1	13.8	9.56	8.32	12.1	11.4	11.5	11.1	1.94	17.4			
30	Phase B	18.5	13.2	11.8	16.5	15.8	16.2	15.4	2.42	15.7	13.6	9.41	8.34	12.0	11.4	11.7	11.1	1.88	17.0			
REC _B	Mean ¹⁾	19.0	13.4	12.0	16.7	15.6	16.1	15.5	2.48	16.0	K _B	Mean ¹⁾	14.0	9.55	8.49	12.1	11.2	11.6	11.2	1.94	17.4	
	SD	0.44	0.15	0.34	0.11	0.41	0.24				SD	0.36	0.11	0.26	0.09	0.32	0.19					
	CV [%]	2.34	1.09	2.82	0.68	2.62	1.47				CV [%]	2.60	1.18	3.01	0.74	2.84	1.61					
	Ae _B [pmol/mm ³]	85.3	146	93.7	214	133	114	131	46.7	35.6	%iAUD _B ²⁾	99.1	101	102	101	102	103	101	1.20	1.19		

Sample	Rinse B	Recovery ¹⁴ C-ZK 975 [%]						Mean	SD	CV [%]	K * 10 ⁻² [μL/min/mm ²]						Mean	SD	CV [%]
		1	2	3	4	5	6				1	2	3	4	5	6			
31	Rinse B	10.9	10.2	8.25	14.3	10.7	11.7	11.0	1.97	17.9	7.65	7.13	5.70	10.2	7.47	8.24	7.73	1.47	19.1
32	Rinse B	1.15	1.30	1.19	1.84	1.61	1.40	1.41	0.27	18.8	0.76	0.86	0.79	1.23	1.07	0.93	0.94	0.18	19.0
33	Rinse B	0.56	0.58	0.48	0.77	0.81	0.56	0.63	0.13	20.6	0.37	0.39	0.32	0.51	0.54	0.37	0.42	0.09	20.7
34	Rinse B	0.36	0.41	0.32	0.53	0.54	0.37	0.42	0.09	21.9	0.24	0.27	0.21	0.35	0.36	0.25	0.28	0.06	21.9
35	Rinse B	0.33	0.32	0.24	0.37	0.44	0.21	0.32	0.08	26.2	0.22	0.21	0.16	0.24	0.29	0.14	0.21	0.06	26.2
36	Rinse B	0.23	0.20	0.14	0.28	0.35	0.20	0.23	0.07	30.7	0.15	0.13	0.10	0.19	0.23	0.13	0.15	0.05	30.8
37	Rinse B	0.23	0.21	0.14	0.23	0.27	0.00	0.18	0.10	55.0	0.15	0.14	0.09	0.16	0.18	0.00	0.12	0.07	55.1
38	Rinse B	0.18	0.19	0	0.24	0.22	0.00	0.14	0.11	79.0	0.12	0.13	0	0.16	0.15	0.00	0.09	0.07	79.0
39	Rinse B	0.17	0.21	0	0.17	0.24	0.17	0.16	0.08	52.3	0.11	0.14	0	0.11	0.16	0.11	0.11	0.06	52.3
40	Rinse B	0.17	0.19	0	0	0.39	0	0.13	0.16	126	0.11	0.13	0	0	0.26	0	0.08	0.10	126
Ae _B	[pmol/mm ³]	85.3	146	93.7	214	133	114	131	46.7	35.6									

Probe:	1	2	3	4	5	6	Mean	SD	CV [%]	Probe:	1	2	3	4	5	6	Mean	SD	CV [%]			
																				REC	Mean ³⁾	21.1
	SD	2.26	1.49	2.96	1.69	1.37	2.08				SD	1.90	1.16	2.31	1.37	1.09	1.69					
	CV [%]	10.7	10.1	20.1	9.34	8.23	11.6				CV [%]	12.1	10.9	21.8	10.4	9.05	12.8					
Ae ⁴⁾	[pmol/mm ³]	0	0	0	0	7.63	3.43	1.84	3.15	171	%iAUD ⁴⁾	98.4	100	100	99.3	100	101	100	0.98	0.98		

For the legend, see T 11

T 33: Microdialysis data CMA/11 probe (Cu, 6 kDa) and ¹⁴C-ZK 894

Sample	Phase A	Recovery ¹⁴ C-ZK 894 [%]						
		1	2	3	4	Mean	SD	CV [%]
1	Phase A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2	Phase A	19.4	19.2	20.2	22.7	20.4	1.60	7.85
3	Phase A	20.0	18.2	19.8	23.1	20.3	2.04	10.1
4	Phase A	20.2	18.3	20.6	24.5	20.9	2.59	12.4
5	Phase A	20.9	18.0	23.0	22.6	21.1	2.28	10.8
6	Phase A	22.8	19.4	21.3	25.9	22.3	2.76	12.3
7	Phase A	21.8	19.2	22.0	25.1	22.0	2.41	10.9
8	Phase A	22.6	18.6	22.9	25.3	22.3	2.77	12.4
9	Phase A	26.3	18.3	21.4	24.4	22.6	3.49	15.5
10	Phase A	21.0	18.8	22.0	23.2	21.2	1.89	8.89
REC_A	Mean¹⁾	22.9	18.7	22.1	24.5	22.0	2.44	11.1
	SD	2.33	0.36	0.61	0.92			
	CV [%]	10.2	1.94	2.77	3.77			

	K * 10 ⁻² [µL/min/mm ²]							
	1	2	3	4	Mean	SD	CV [%]	
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	14.3	14.2	14.9	17.0	15.1	1.34	8.88	
	14.8	13.3	14.6	17.4	15.0	1.71	11.4	
	15.0	13.4	15.3	18.6	15.6	2.19	14.1	
	15.5	13.1	17.3	17.0	15.7	1.90	12.1	
	17.2	14.3	15.9	19.9	16.8	2.37	14.1	
	16.3	14.1	16.5	19.1	16.5	2.05	12.4	
	16.9	13.6	17.2	19.3	16.8	2.34	14.0	
	20.2	13.4	15.9	18.6	17.0	2.98	17.5	
	15.6	13.8	16.5	17.5	15.8	1.58	9.99	
K_A	Mean¹⁾	17.2	13.7	16.5	18.6	16.5	2.06	12.5
	SD	2.03	0.30	0.52	0.81			
	CV [%]	11.8	2.15	3.15	4.34			
%iAUD_A²⁾		94.8	99.5	97.1	98.8	97.6	2.08	2.13

Sample	Rinse A	Recovery ¹⁴ C-ZK 894 [%]						
		1	2	3	4	Mean	SD	CV [%]
11	Rinse A	10.5	9.59	11.3	12.4	11.0	1.21	11.1
12	Rinse A	0	25.3	0	0	0	0	N/A
13	Rinse A	0	0	0	0	0	0	N/A
14	Rinse A	0	0	0	0	0	0	N/A
15	Rinse A	0	0	0	0	0	0	N/A
16	Rinse A	0	0	0	0	0	0	N/A
17	Rinse A	0	0	0	0	0	0	N/A
18	Rinse A	0	0	0	0	0	0	N/A
19	Rinse A	0	0	0	0	0	0	N/A
20	Rinse A	0	0	0	0	0	0	N/A
Ae_A	[pmol/mm³]	1.55	1.99	1.05	2.64	1.81	0.68	37.4

	K * 10 ⁻² [µL/min/mm ²]						
	1	2	3	4	Mean	SD	CV [%]
	7.33	6.67	7.98	8.79	7.69	0.90	11.7
	0	19.3	0	0	0	0	N/A
	0	0	0	0	0	0	N/A
	0	0	0	0	0	0	N/A
	0	0	0	0	0	0	N/A
	0	0	0	0	0	0	N/A
	0	0	0	0	0	0	N/A
	0	0	0	0	0	0	N/A
	0	0	0	0	0	0	N/A
	0	0	0	0	0	0	N/A
	0	0	0	0	0	0	N/A
	0	0	0	0	0	0	N/A
	0	0	0	0	0	0	N/A
	0	0	0	0	0	0	N/A
	0	0	0	0	0	0	N/A

Sample	Phase B	Recovery ¹⁴ C-ZK 894 [%]						
		1	2	3	4	Mean	SD	CV [%]
21	Phase B	N/A	N/A	N/A	N/A	N/A	N/A	N/A
22	Phase B	19.7	17.5	20.6	22.9	20.2	2.24	11.1
23	Phase B	19.7	17.9	20.2	23.2	20.2	2.20	10.9
24	Phase B	20.1	18.0	20.8	23.4	20.6	2.21	10.7
25	Phase B	21.0	18.7	21.5	23.6	21.2	2.03	9.59
26	Phase B	20.7	18.5	20.7	23.9	21.0	2.23	10.6
27	Phase B	20.6	18.5	21.2	23.4	21.0	2.03	9.69
28	Phase B	20.8	18.5	21.3	23.5	21.0	2.06	9.80
29	Phase B	20.7	18.4	20.7	23.0	20.7	1.87	9.03
30	Phase B	20.2	18.0	20.6	23.0	20.5	2.05	10.00
REC_B	Mean¹⁾	20.6	18.4	20.9	23.2	20.8	2.00	9.62
	SD	0.27	0.21	0.36	0.27			
	CV [%]	1.31	1.14	1.72	1.17			

	K * 10 ⁻² [µL/min/mm ²]							
	1	2	3	4	Mean	SD	CV [%]	
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	14.6	12.8	15.2	17.3	15.0	1.86	12.4	
	14.5	13.1	14.9	17.5	15.0	1.83	12.2	
	14.9	13.2	15.5	17.7	15.3	1.85	12.1	
	15.6	13.7	16.0	17.8	15.8	1.71	10.8	
	15.3	13.6	15.4	18.1	15.6	1.88	12.0	
	15.3	13.6	15.8	17.7	15.6	1.70	10.9	
	15.4	13.5	15.8	17.7	15.6	1.73	11.0	
	15.3	13.5	15.3	17.3	15.3	1.56	10.2	
	14.9	13.2	15.3	17.3	15.2	1.71	11.2	
K_B	Mean¹⁾	15.2	13.4	15.6	17.5	15.4	1.67	10.8
	SD	0.22	0.17	0.30	0.23			
	CV [%]	1.48	1.26	1.94	1.34			
%iAUD_B²⁾		99.3	99.6	99.6	101	99.8	0.62	0.62

Sample	Rinse B	Recovery ¹⁴ C-ZK 894 [%]						
		1	2	3	4	Mean	SD	CV [%]
31	Rinse B	10.2	9.34	11.6	12.3	10.9	1.35	12.4
32	Rinse B	0.46	0	0	0	0.11	0.23	200
33	Rinse B	0.23	0	0	0	0.06	0.12	200
34	Rinse B	0.18	0	0	0	0.04	0.09	200
35	Rinse B	0	0	0	0	0	0	N/A
36	Rinse B	0	0	0	0	0	0	N/A
37	Rinse B	0	0	0	0	0	0	N/A
38	Rinse B	0	0	0	0	0	0	N/A
39	Rinse B	0	0	0	0	0	0	N/A
40	Rinse B	0	0	0	0	0	0	N/A
Ae_B	[pmol/mm³]	38.7	19.8	43.9	40.2	35.7	10.8	30.3

	K * 10 ⁻² [µL/min/mm ²]						
	1	2	3	4	Mean	SD	CV [%]
	7.12	6.50	8.19	8.71	7.63	1.00	13.2
	0.30	0	0	0	0.08	0.15	200
	0.15	0	0	0	0.04	0.08	200
	0.12	0	0	0	0.03	0.06	200
	0	0	0	0	0	0	N/A
	0	0	0	0	0	0	N/A
	0	0	0	0	0	0	N/A
	0	0	0	0	0	0	N/A
	0	0	0	0	0	0	N/A
	0	0	0	0	0	0	N/A
	0	0	0	0	0	0	N/A
	0	0	0	0	0	0	N/A
	0	0	0	0	0	0	N/A
	0	0	0	0	0	0	N/A
	0	0	0	0	0	0	N/A

REC	Probe:	1	2	3	4	Mean	SD	CV [%]
	Mean³⁾	21.7	18.5	21.5	23.9	21.4	2.19	10.2
	SD	1.98	0.33	0.76	0.92			
	CV [%]	9.12	1.80	3.55	3.86			
Ae⁴⁾	[pmol/mm³]	0	0	0	0	0	0	N/A

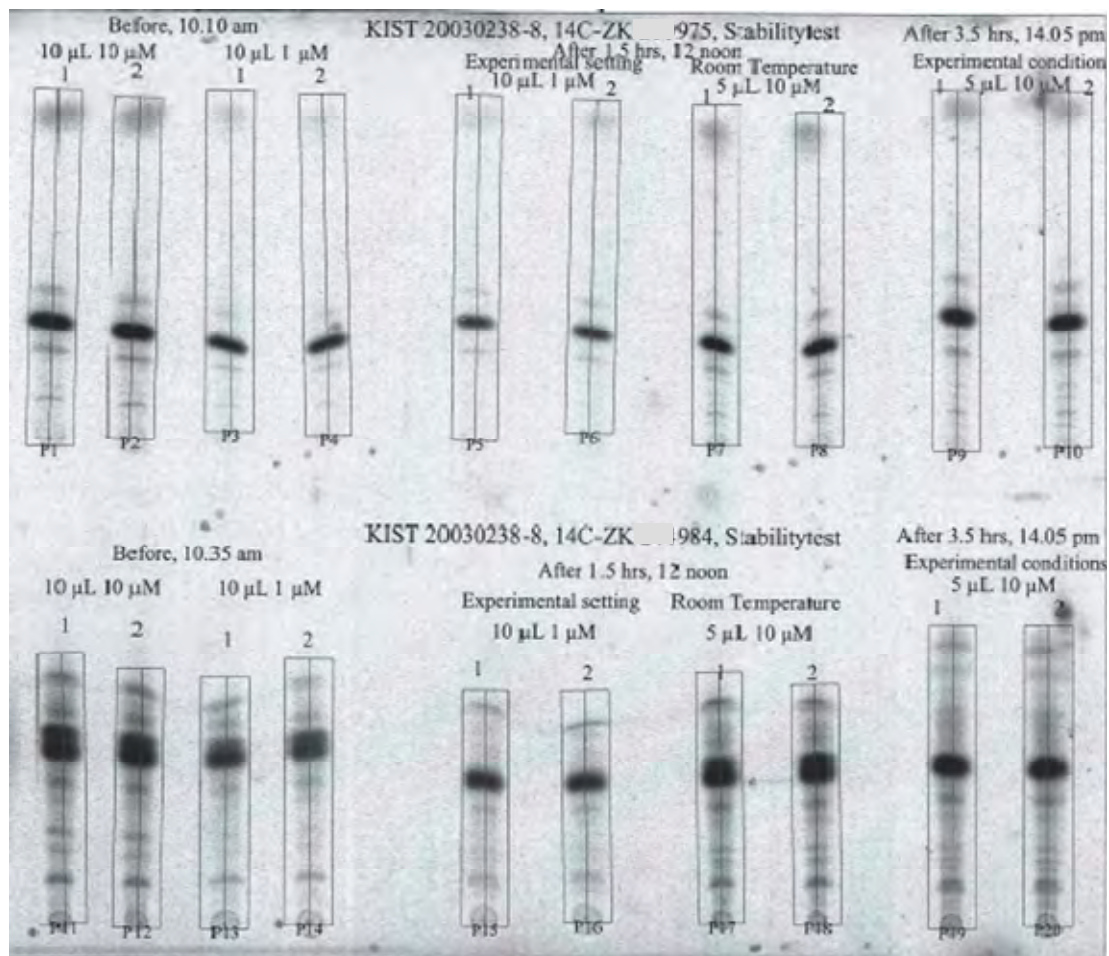
K	Probe:	1	2	3	4	Mean	SD	CV [%]
	Mean³⁾	16.2	13.6	16.0	18.1	16.0	1.84	11.5
	SD	1.71	0.27	0.65	0.80			
	CV [%]	10.5	1.99	4.02	4.46			
%iAUD⁴⁾		96.9	99.5	98.3	99.7	98.6	1.30	1.30

For the legend, see T 11

Appendix III (Chromatograms)

C 1:	Scanned and labeled imaging plate for stability testing of compounds used (raw data).....	lviii
C 2:	Chromatogram 1 μM ^{14}C -ZK 975 solution, freshly made, sample 1 of 2.....	lix
C 3:	Chromatogram 1 μM ^{14}C -ZK 975 solution, stored for 1.5 hrs under microdialysis probe test conditions, sample 1 of 2.....	lx
C 4:	Chromatogram 10 μM ^{14}C -ZK 975 solution, after 1.5 hrs storage at room temperature (tubing test conditions), sample 1 of 2.....	lxi
C 5:	Chromatogram 10 μM ^{14}C -ZK 975 solution, stored for 3.5 hrs under microdialysis probe test conditions, sample 1 of 2.....	lxii
C 6:	Chromatogram 1 μM ^{14}C -ZK 894 solution, freshly made, sample 1 of 2.....	lxiii
C 7:	Chromatogram 1 μM ^{14}C -ZK 894 solution, stored for 1.5 hrs under microdialysis probe test conditions, sample 1 of 2.....	lxiv
C 8:	Chromatogram 10 μM ^{14}C -ZK 894 solution, after 1.5 hrs storage at room temperature (tubing test conditions), sample 1 of 2.....	lxv
C 9:	Chromatogram 10 μM ^{14}C -ZK 894 solution, stored for 3.5 hrs under microdialysis probe test conditions, sample 1 of 2.....	lxvi

C 1: Scanned and labeled imaging plate for stability testing of compounds used (raw data)

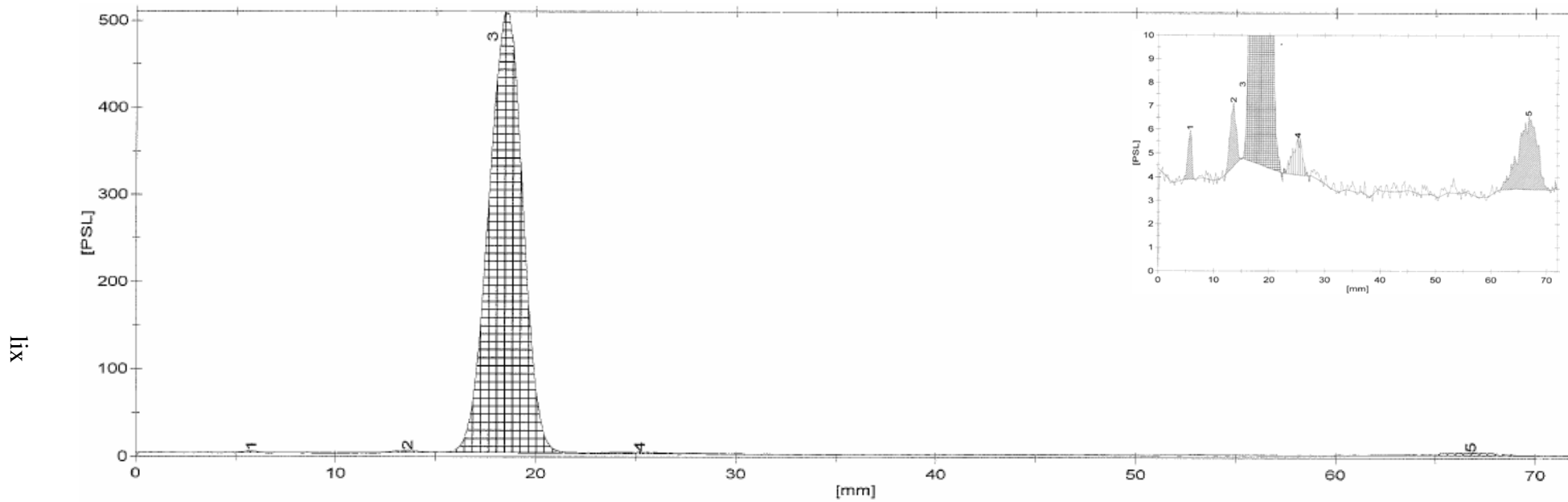


KIST = internal study number

P = Profile

As a representative selection, the chromatograms of the following profiles are shown below: profile 3 (1 μM freshly made), profile 5 (1 μM after 1.5 hrs microdialysis experimental conditions), profile 7 (10 μM after 1.5 hrs room temperature) and profile 9 (10 μM after 3.5 hrs microdialysis experimental conditions) for ZK 975, and the corresponding chromatograms of profiles 13, 15, 17 and 19 for ZK 894. The presented inlays merely have a truncated y-axis, for better detail of the smaller peaks. Note that the retention times (in mm) differ according to the lengths of the profiles.

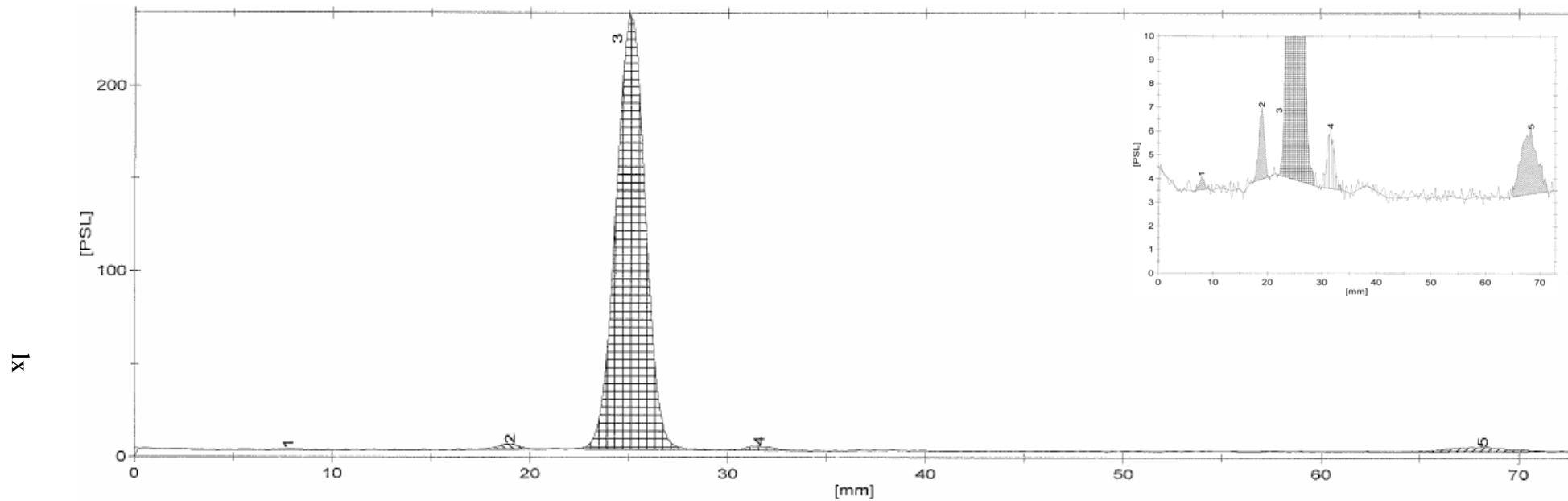
C 2: Chromatogram 1 μM ^{14}C -ZK 975 solution, freshly made, sample 1 of 2



No	PSL	%(PSL)
1	43.61	0.77
2	82.54	1.46
3	5184.10	91.75
4	105.50	1.87
5	234.64	4.15
-	5650.39	100.00 *
-	6448.82	114.13

PSL = unit for Photo Stimulated Luminescence (*100% PSL = sum of all peaks)

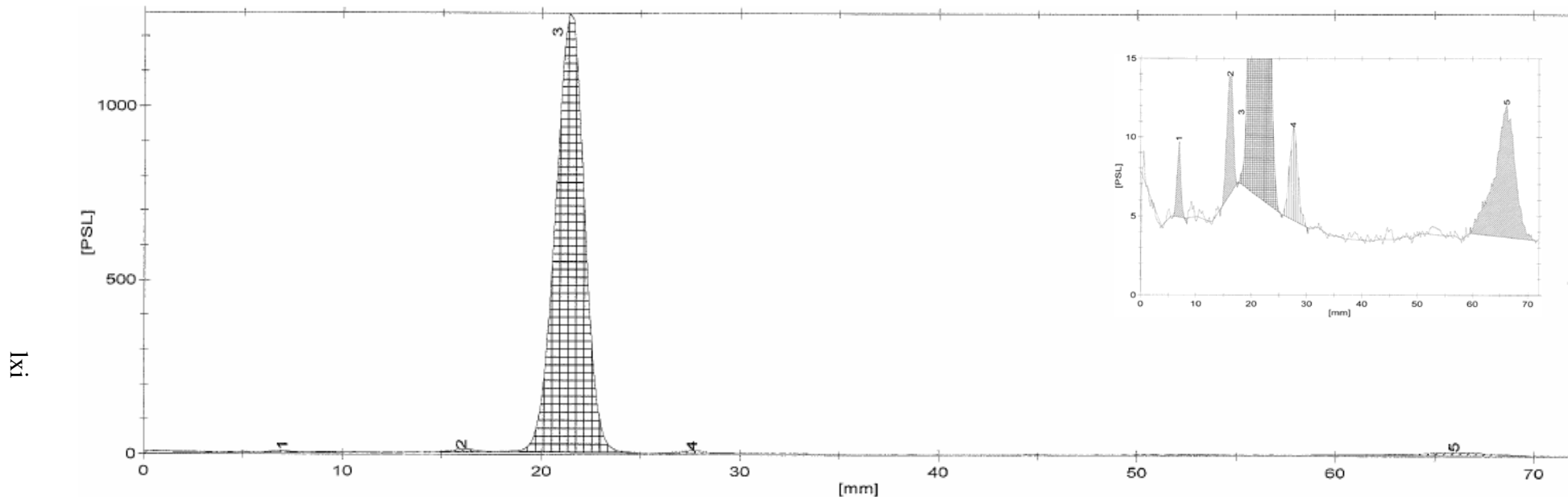
C 3: Chromatogram 1 μM ^{14}C -ZK 975 solution, stored for 1.5 hrs under microdialysis probe test conditions, sample 1 of 2



No	PSL	%(PSL)
1	52.41	2.06
2	77.47	3.05
3	2170.41	85.37
4	84.07	3.31
5	157.96	6.21
-	2542.32	100.00 *
-	3410.35	134.14

PSL = unit for Photo Stimulated Luminescence (*100% PSL = sum of all peaks)

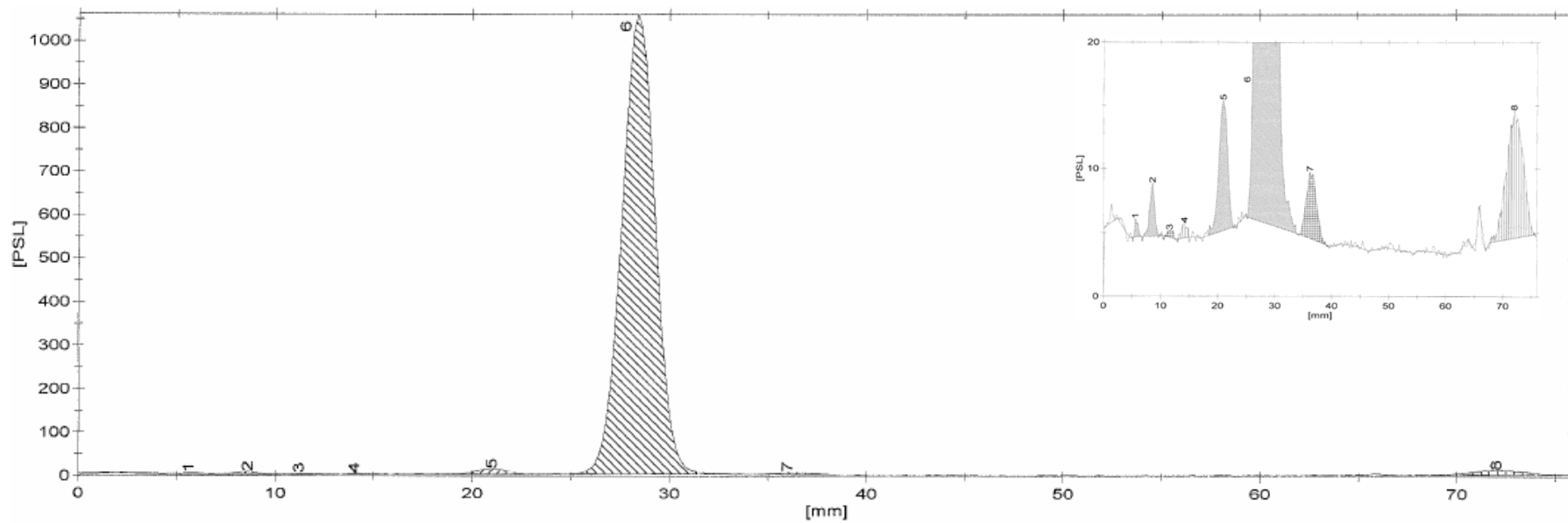
C 4: Chromatogram 10 μM ^{14}C -ZK 975 solution, after 1.5 hrs storage at room temperature (tubing test conditions), sample 1 of 2



No	PSL	%(PSL)
1	82.31	0.70
2	149.06	1.27
3	10953.64	93.31
4	165.34	1.41
5	388.16	3.31
-	11738.51	100.00 *
-	12630.46	107.60

PSL = unit for Photo Stimulated Luminescence (*100% PSL = sum of all peaks)

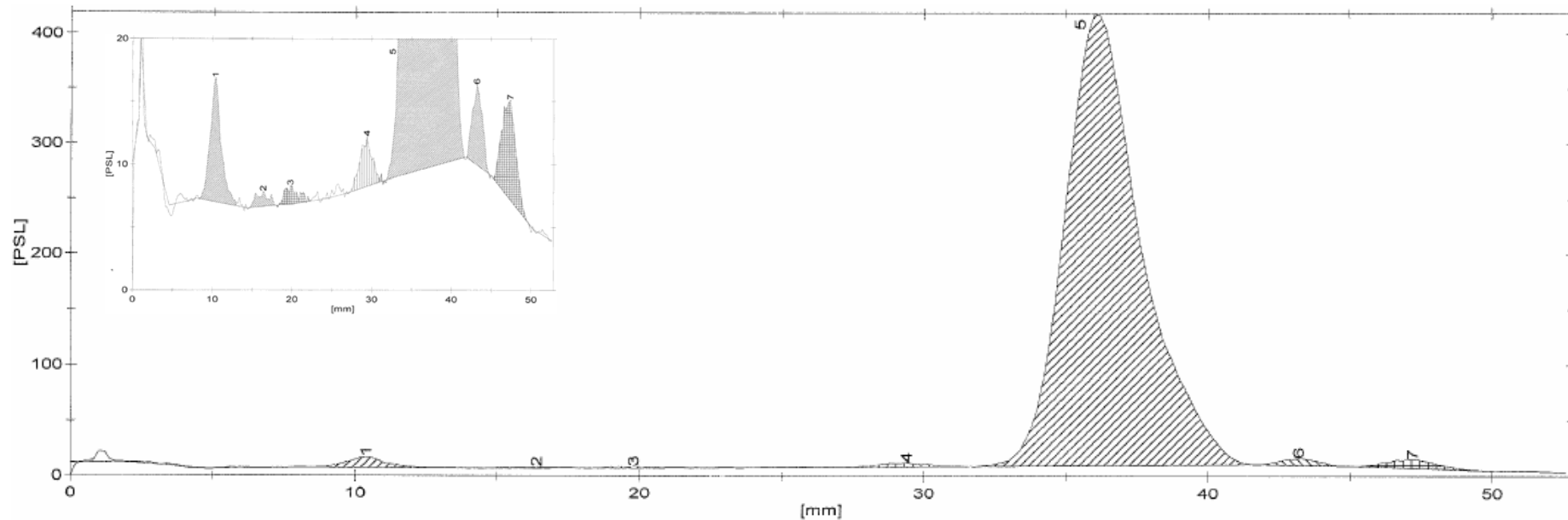
C 5: Chromatogram 10 μM ^{14}C -ZK 975 solution, stored for 3.5 hrs under microdialysis probe test conditions, sample 1 of 2



No	PSL	%(PSL)
1	41.55	0.36
2	110.11	0.94
3	49.44	0.42
4	52.12	0.45
5	215.62	1.85
6	10664.23	91.44
7	176.12	1.51
8	353.58	3.03
-	11662.76	100.00 *
-	12494.64	107.13

PSL = unit for Photo Stimulated Luminescence (*100% PSL = sum of all peaks)

C 6: Chromatogram 1 μM ^{14}C -ZK 894 solution, freshly made, sample 1 of 2



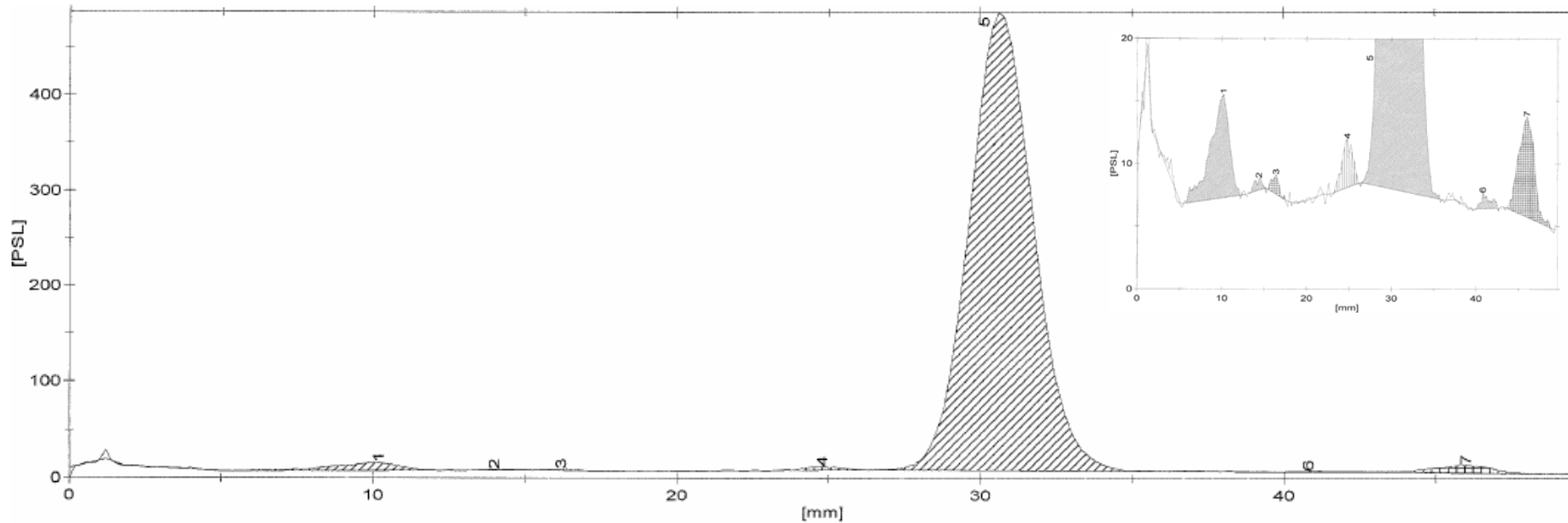
lxiii

No	PSL	%(PSL)
1	239.50	2.98
2	130.46	1.62
3	152.42	1.90
4	215.55	2.68
5	6862.78	85.45
6	184.49	2.30
7	245.75	3.06
-	8030.95	100.00 *
-	8774.59	109.26

PSL = unit for Photo Stimulated Luminescence (*100% PSL = sum of all peaks)

C 7: Chromatogram 1 μM ^{14}C -ZK 894 solution, stored for 1.5 hrs under microdialysis probe test conditions, sample 1 of 2

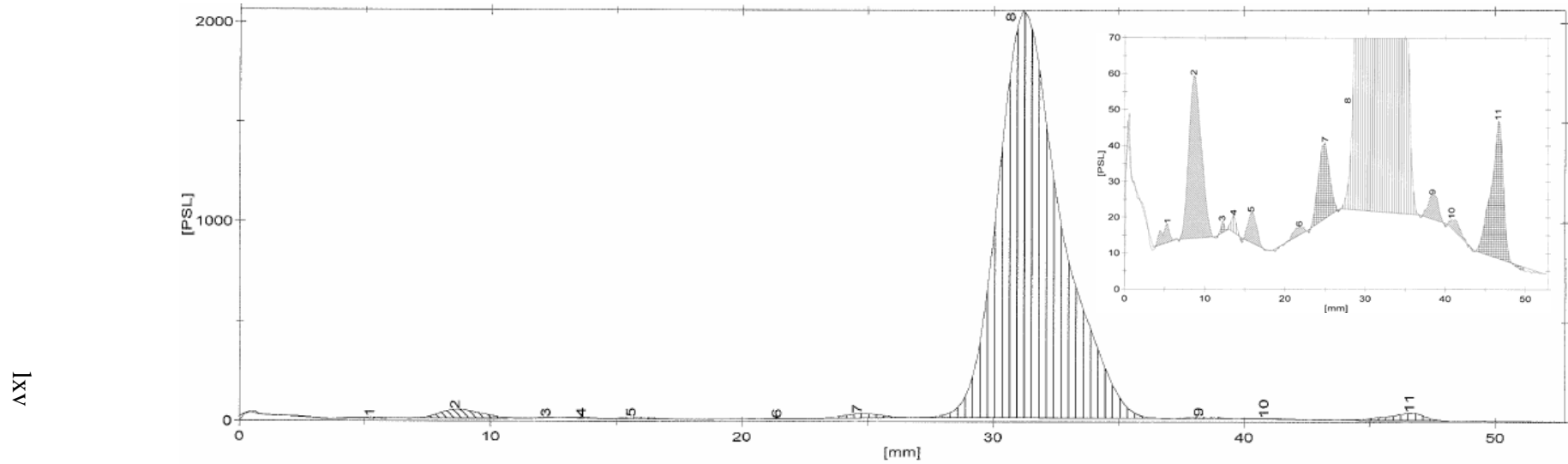
IXiv



No	PSL	%(PSL)
1	343.91	4.76
2	83.26	1.15
3	83.41	1.15
4	149.98	2.08
5	6244.89	86.43
6	91.92	1.27
7	228.24	3.16
-	7225.61	100.00 *
-	8010.65	110.86

PSL = unit for Photo Stimulated Luminescence (*100% PSL = sum of all peaks)

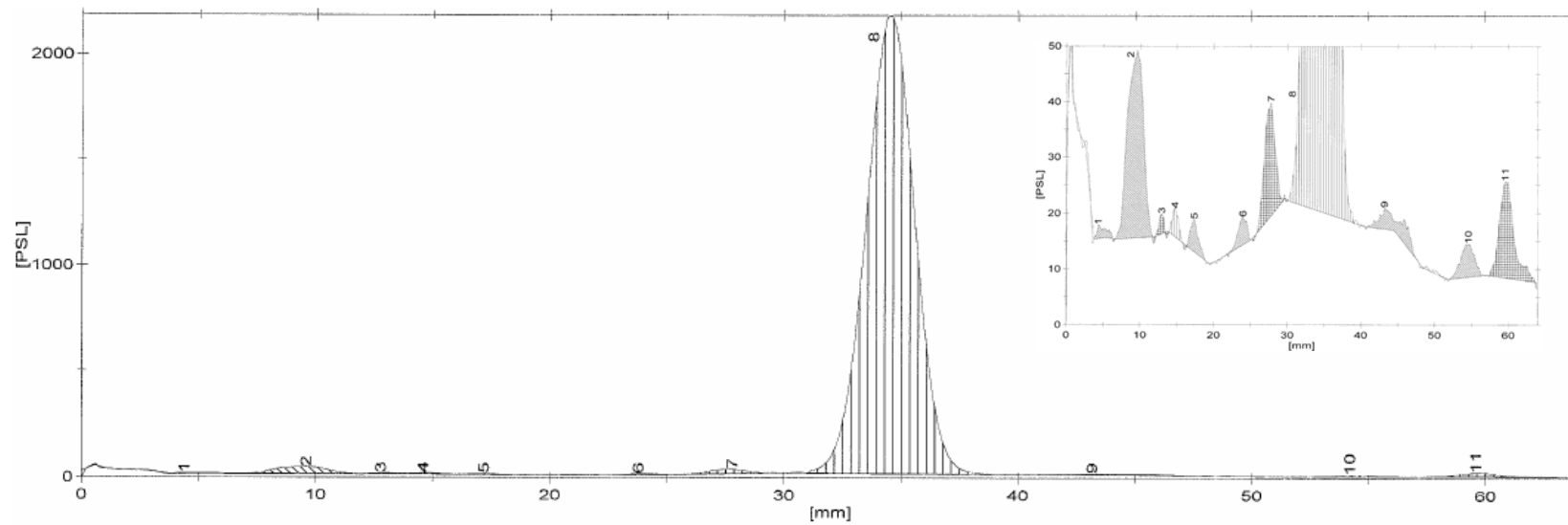
C 8: Chromatogram 10 μM ^{14}C -ZK 894 solution, after 1.5 hrs storage at room temperature (tubing test conditions), sample 1 of 2



No	PSL	%(PSL)
1	182.70	0.53
2	753.92	2.19
3	100.49	0.29
4	159.82	0.47
5	329.84	0.96
6	283.35	0.82
7	545.45	1.59
8	30747.45	89.49
9	363.94	1.06
10	278.12	0.81
11	613.62	1.79
-	34358.71	100.00 *
-	34926.53	101.65

PSL = unit for Photo Stimulated Luminescence (*100% PSL = sum of all peaks)

C 9: Chromatogram 10 μM ^{14}C -ZK 894 solution, stored for 3.5 hrs under microdialysis probe test conditions, sample 1 of 2



No	PSL	%(PSL)
1	233.88	0.75
2	825.05	2.66
3	158.09	0.51
4	197.99	0.64
5	204.81	0.66
6	273.95	0.88
7	596.60	1.92
8	27232.68	87.69
9	610.30	1.97
10	253.48	0.82
11	467.56	1.51
-	31054.40	100.00 *
-	32328.62	104.10

PSL = unit for Photo Stimulated Luminescence (*100% PSL = sum of all peaks)