

CATECHOLAMINES ELISA AND RIA

ADVANTAGES

- Flexible test systems for plasma, urine and other biological fluids
- Test kits can be used in research with almost any biological fluid, including tissue homogenates and micro-dialysates
- Fast Track formats reduce incubation times
- Freedom from drug interferences
- Elegant and efficient extraction method
- Lyphocheck controls available from BioRad® for adrenaline, noradrenaline, and dopamine
- Excellent sensitivity / specificity
- 15 week shelf life on RIA's (higher counts lead to better signals)
- Quality – produced according to DIN EN ISO 13485 and 9001
- Excellent HPLC correlation!
- Customer Service! – We use the kits we sell and we always offer a 24 hour turn-around on almost all technical questions

AVAILABLE KITS

- 6000 SERIES - FAST TRACK KITS FOR PLASMA AND URINE
- 5000 SERIES - HIGH SENSITIVITY RESEARCH KITS - *for any biological fluid*
- COMBINATION KITS - test up to all three catecholamines: adrenaline (epinephrine), noradrenaline (norepinephrine) and dopamine with one standard curve

CATECHOLAMINE KITS

ELISA KIT DETAILS – TECHNICAL DATA

CAT NO.	PARAMETER	SAMPLE SIZE	STANDARDS	SENSIVITY	FORMAT
BA E-6100	Adrenaline	10 µl urine 300 µl plasma	0/1 - 200 ng/ml	urine: 0.9 ng/ml plasma: 10 pg/ml	96 wells
BA E-6200	Noradrenaline		0/5 - 1000 ng/ml	urine: 1.7 ng/ml plasma: 36 pg/ml	96 wells
BA E-6300	Dopamine		0/4.5 - 2000 ng/ml	urine: 2.5 ng/ml plasma: 49 pg/ml	96 wells

Combination kits BA E-6500 2-Cat (Epinephrine/Norepinephrine) and BA E-6600 3-Cat (epinephrine/norepinephrine/dopamine) have the same characteristics as the individual kits.

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RIA KIT DETAILS – TECHNICAL DATA

CAT NO.	PARAMETER	SAMPLE SIZE	STANDARDS	SENSIVITY	FORMAT
BA R-6500 (2-CAT RIA)	Adrenaline	10 µl urine 300 µl plasma	0/1 - 200 ng/ml	urine: 0.39 ng/ml plasma: 19 pg/ml	2x 100 tubes
	Noradrenaline		0/5 - 1000 ng/ml	urine: 1.1 ng/ml plasma: 42 pg/ml	
BA R-6600 (3-CAT RIA)	Adrenaline	10 µl urine 300 µl plasma	0/1 - 200 ng/ml	urine: 0.39 ng/ml plasma: 19 pg/ml	3x 100 tubes
	Noradrenaline		0/5 - 1000 ng/ml	urine: 1.1 ng/ml plasma: 42 pg/ml	
	Dopamine		0/4.5 – 2000 ng/ml	urine: 3 ng/ml plasma: 29 pg/ml	

KIT DETAILS RESEARCH ELISA – TECHNICAL DATA

	ELISAs	PARAMETER	SENSITIVITY (LOD)	VOLUME	STANDARD RANGE
Research assays	BA E-5100	Adrenaline	3.3 pg/ml (depending on sample vol.)	1 - 750 µl, all biological fluids	0/0.5 - 80 ng/ml
	BA E-5200	Noradrenaline	1.3 pg/ml (depending on sample vol.)		0/0.2 - 32 ng/ml
	BA E-5300	Dopamine	3.3 pg/ml (depending on sample vol.)		0/0.5 - 80 ng/ml
	BA E-5400	Adrenaline/Noradrenaline	Adrenaline: 6.6 pg/ml Noradrenaline: 2.6 pg/ml		0/0.5 - 80 ng/ml 0/0.2 - 32 ng/ml
	BA E-5500	Noradrenaline/Dopamine	Noradrenaline: 2.6 pg/ml Dopamine: 6.6 pg/ml		0/0.2 - 32 ng/ml 0/0.5 - 80 ng/ml
	BA E-5600	Adrenaline/Noradrenaline/ Dopamine	Adrenaline: 10 pg/ml Noradrenaline: 4 pg/ml Dopamine: 10 pg/ml plasma		0/0.5 - 80 ng/ml 0/0.2 - 32 ng/ml 0/0.5 - 80 ng/ml