

Catecholamines

ELISA and RIA



Advantages

- Flexible test systems for plasma, urine and other biological fluids.
- Our catecholamine test kits can be used in research with almost any biological fluid, including tissue homogenates and micro-dialysates.
- New Fast Track formats reduce incubation times
- Freedom from drug interferences
- Elegant and efficient extraction method
- Lyphocheck controls available from BioRad® for epinephrine, norepinephrine, and dopamine
- Excellent sensitivity / specificity
- 15 week shelf life on RIA's (higher counts lead to better signals)
- Quality- produced according to DIN ISO EN 13485:2003 and 9001:2000
- Excellent HPLC correlation!

Available Kits

- 4000 Series - High Sensitivity Plasma
- 6000 Series - Plasma and Urine
- 7000 Series - Fast Track Kit for Urine
- 5000 Series - High Sensitivity Research Kits*
- Combination Kits - test up to all three catecholamines with one standard curve

*for any biological fluid

Catecholamine Kits

	<u>ELISA's</u>	<u>RIA's</u>	<u>Parameter</u>	<u>Sensitivity</u>	<u>Sample Volume</u>	<u>Standard Range</u>
<u>High Sensitivity Plasma</u>	<u>BA E-4100</u>	<u>BA R-4100</u>	Epinephrine	5 pg/ml	600 µl plasma	0 / 1.5 - 240 ng/ml
	<u>BA E-4200</u>	<u>BA R-4200</u>	Norepinephrine	25 pg/ml		0 / 7.5 - 1 200 ng/ml
	<u>BA E-4300</u>	<u>BA R-4300</u>	Dopamine	10 pg/ml		0 / 25 - 4 000 ng/ml
	Combination Kits BA E-4500 and BA R-4500 2-Cat (Epi/Norepi) and BA E-4600 and BA R-4600 3-Cat (Epi/Norepi/Dopamine) have the same characteristics as the individual kits					
<u>Fast Track Plasma And Urine</u>	<u>BA E-6100</u>	<u>BA R-6100</u>	Epinephrine	0.3ng/ml urine, 10 pg/ml plasma	10 µl urine 300 µl plasma	0 / 1.5 - 240 ng/ml
	<u>BA E-6200</u>	<u>BA R-6200</u>	Norepinephrine	1.5 ng/ml urine, 50 pg/ml plasma		0 / 7.5 - 1 200 ng/ml
	<u>BA E-6300</u>	<u>BA R-6300</u>	Dopamine	4.5 ng/ml urine, 20 pg/ml plasma		0 / 25 - 4 000 ng/ml
	Combination Kits BA E-6500 and BA R-6500 2-Cat (Epi/Norepi) and BA E-6600 and BA R-6600 3-Cat (Epi/Norepi/Dopamine) have the same characteristics as the individual kits					
<u>Fast Track Urine</u>	<u>BA E-7100</u>	<u>BA R-7100</u>	Epinephrine	0.33 ng/ml	25 µl urine	0 / 1.5 - 240 ng/ml
	<u>BA E-7200</u>	<u>BA R-7200</u>	Norepinephrine	1.33 ng/ml		0 / 7.5 - 1 200 ng/ml
	<u>BA E-7300</u>	<u>BA R-7300</u>	Dopamine	0.83 ng/ml		0 / 25 - 4 000 ng/ml
	Combination Kits BA E-7500 and BA R-7500 2-Cat (Epi/Norepi) and BA E-7600 and BA R-7600 3-Cat (Epi/Norepi/Dopamine) have the same characteristics as the individual kits					

	<u>Research ELISA's</u>	<u>Sensitivity</u>	<u>Volume</u>	<u>Standard Range</u>
<u>For Any Biological Fluid</u>	<u>BA E-5100</u>	Epinephrine 3.9 pg/ml (depending on sample vol.)	1 - 750 µl, all biological fluids	0 / 0.45 - 45 ng/ml
	<u>BA E-5200</u>	Norepinephrine 2.6 pg/ml (depending on sample vol.)		0 / 0.45 - 45 ng/ml
	<u>BA E-5300</u>	Dopamine 9.1 pg/ml (depending on sample vol.)		0 / 0.9 - 90 ng/ml
	<u>BA E-5400</u>	Epinephrine / Norepinephrine Epinephrine: 8.1 pg/ml Norepinephrine: 5.4 pg/ml (depending on sample vol.)		0 / 0.45 - 45 ng/ml
	<u>BA E-5500</u>	Norepinephrine/ Dopamine Norepinephrine 5.4 pg/ml Dopamine 18.9 pg/ml (depending on sample vol.)		0 / 0.45 - 45 ng/ml
	<u>BA E-5600</u>	Epinephrine / Norepinephrine / Dopamine Epinephrine: 12 pg/ml plasma Norepinephrine: 8 pg/ml plasma Dopamine: 28 pg/ml plasma (depending on sample vol.)		0 / 0.45 - 45 ng/ml

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