

3 Catecholamines ELISA kit Ultra-Sensitive – Any sample

Ref: BA-E-5600R

This research Catecholamine ELISA kit enables the ultra-sensitive measurement of Epinephrine, Norepinephrine and Dopamine in any biological sample. Intended for research use only, the assay features a lower limit of detection at 6.6pg/ml and a minimal sample volume as low as $1\mu l$.

Sample type	1 - 750μl, all biological fluids
Samples/kit	40 samples in duplicate
Sensitivity	Epinephrine, Dopamine: 10pg/ml Norepinephrine: 4pg/ml
Range	Epinephrine, Dopamine: 0.5 - 80ng/ml; Norepinephrine: 0.2 - 32ng/ml
Assay time	Sample extraction, acylation and enzymatic conversion (4 h), ELISA overnight
Reactivity	Reacts with all species
Citations	Cited in 5 papers



INFORMATIONS

Product overview	
Product name	Epinephrine-Norepinephrine ELISA kit – Research
Description	Enzyme immunoassay (ELISA) for the ultra-sensitive determination of epinephrine and norepinephrine in biological samples. Research use only
Format	3 x 96-well plate
Samples	Any sample
Sample volume	1 - 750μΙ
Reactivity	Reacts with all species
Standard range	Epinephrine, Dopamine: 0 / 0.5 - 80ng/ml; Norepinephrine: 0 / 0.2 - 32ng/ml
Sensitivity	Epinephrine, Dopamine: 10pg/ml Norepinephrine: 4pg/ml
Specificity	No significant cross-reactivity was observed with Epinephrine, Norepinephrine and Dopamine analogs such as Metanephrine, Normetanephrine, 3-Methoxytyramine, 3-Methoxy-4-hydroxyphenylglycol, Tyramine, Phenylalanine, Caffeinic acid, L-Dopa, Homovanillic acid, Tyrosine and 3-Methoxy-4-hydroxymandelic acid
Assay time	Sample preparation 4 hours and ELISA overnight
Storage	Store at 2-8°C for to 6 months



Datasheets

Instructions for use, Material safety datasheet

PROTOCOLS

Sample preparation	Sample extraction and acylation (1h45), enzymatic conversion (2h)
ELISA	Dopamine, Epinephrine, Norepinephrine antisera overnight incubation, revelation and read steps (1h)
Detailed protocol	Download instructions for use

REFERENCES

Product citations



Product pictures



Catecholamine ELISA package for research

Contact information

Immusmol 229 Cours de l'Argonne 33 000 Bordeaux - France Tel: +33 (0) 5 6431 1170 www.immusmol.com

To order, review, ask for technical support, visit product page at:

https://www.immusmol.com/shop/3-catecholamines-elisa-kit-any-sample/