

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 1µl.

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 – 750µl
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)

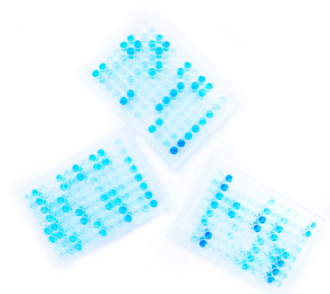
Detailed protocol

[Download instructions for use](#)

REFERENCES

Product citations

Product pictures



Catecholamine ELISA package for research

Contact information

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

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