

Private: Norepinephrine-Dopamine ELISA

Any sample – FORMER

Ref: BA-E-5500R-F

This research Norepinephrine/Dopamine ELISA kit enables the ultra-sensitive measurement of Noradrenaline (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	Norepinephrine: 2.6pg/ml Dopamine: 6.6pg/ml
Range	Norepinephrine: 0 / 0.2 - 32ng/ml Dopamine: 0 / 0.5 - 80ng/ml
Assay time	Sample extraction, acylation and enzymatic conversion (4 h), ELISA overnight
Reactivity	Reacts with all species
Citations	1

INFORMATIONS

Product overview

Product name	Norepinephrine-Dopamine ELISA kit – Research
Description	Enzyme immunoassay (ELISA) for the ultra-sensitive determination of dopamine and noradrenaline in biological samples. Research use only
Format	2 x 96-well plate
Samples	Any sample
Sample volume	1 – 750µl
Reactivity	Reacts with all species
Standard range	Norepinephrine: 0 / 0.2 – 32ng/ml Dopamine: 0 / 0.5 – 80ng/ml
Sensitivity	Norepinephrine: 2.6pg/ml Dopamine: 6.6pg/ml
Specificity	No significant cross-reactivity was observed with Dopamine and Norepinephrine analogs such as Epinephrine, 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/Norepinephrine antiserum overnight incubation, revelation and read steps (1h)

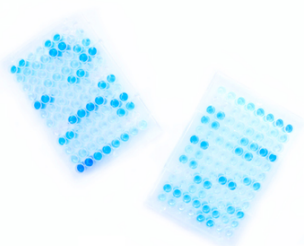
Detailed protocol

[Download instructions for use](#)

REFERENCES

Product citation

Product pictures



Norepinephrine-Dopamine ELISA package

Contact information

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

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