

Dopamine ELISA kit

Any sample

Ref: BA-E-5300R

This research Dopamine ELISA kit enables the ultra-sensitive measurement of Dopamine (DA) in any biological sample. Highly flexible, the assay features a minimal sample volume as low as 1 μ l, with a limit of detection at 3.3 pg/ml.

Sample type	1 - 750 μ l, all biological fluids
Samples/kit	40 samples in duplicate
Sensitivity	3.3pg/ml
Range	0 / 0.5 - 80ng/ml
Assay time	Extraction, acylation and enzymatic conversion (4 hours), ELISA overnight
Reactivity	Reacts with all species
Citations	Over 20

INFORMATIONS

Product overview

Product name	Dopamine ELISA kit - Research
Description	Enzyme immunoassay (ELISA) for the ultra-sensitive determination of Dopamine in biological samples. Research use only
Format	96-well plate
Samples	Any sample
Sample volume	1 - 750µl
Reactivity	Reacts with all species
Standard range	0 / 0.5 - 80ng/ml
Sensitivity	3.3pg/ml
Specificity	No significant cross-reactivity was observed with Dopamine analogs such as Adrenaline, Noradrenaline, Metanephrine, Normetanephrine, 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 antiserum overnight incubation, revelation and read steps (1h).

Detailed protocol

[Download instructions for use](#)

REFERENCES

Product citation

Product pictures



Dopamine ELISA kit



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Contact information

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

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