

Serotonin ELISA kit I Fast Assay I Serum and Urine

Ref: BA-E-8900

This Serotonin (5-HT) ELISA kit is tailored for the rapid measurement of 5-hydroxytryptamine in serum, urine and platelets. Intended for *in vitro* diagnostics and research use, this fast-track quantitative immunoassay enables the determination of serotonin levels in up to 40 samples within 75 minutes.

Sample type	25μl serum, urine
Samples/kit	40 samples in duplicate
Sensitivity	8ng/ml
Range	8 - 2 170ng/ml
Assay time	Sample acylation (15 min), ELISA (1h)
Reactivity	Reacts with all species
Citations	Cited in 3 papers



INFORMATIONS

Product overview	
Product name	Serotonin ELISA kit – Serum, Urine – Fast Track
Description	In vitro diagnostics and research enzyme immunoassay (ELISA) for the fast determination of 5-hydroxytryptamine (5-HT, Serotonin) in serum or urine
Labels	IVD (EU only) or RUO, CE
Format	96-well plate
Samples	25 μl serum, urine
Reactivity	Reacts with all species
Standard range	0 / 15 - 2 500ng/ml
Sensitivity	5ng/ml
Specificity	No significant cross-reactivity was observed with Serotonin analogs such as Tryptamine, Melatonin, 5-Hydroxyindole acetic acid, Phenylalanine, Histidine, Tyramine and 5-Hydroxytryptophan
Assay time	1h15
Storage	Store at 2-8°C for up to 6 months
Datasheets	Instructions for use, Material safety datasheet



PROTOCOLS

Sample collection & storage	Serum: Do not use haemolytic and especially lipemic samples. Storage: up to 6 hours at 2 - 8°C; for longer periods (up to 6 months) at - 20°C <u>Urine:</u> Spontaneous or 24-hours urine, collected in a bottle containing 10-15 mL of 6 M HCl. Storage: for longer periods (up to 6 months) at -20°C
Sample preparation	Sample acylation (15min)
ELISA	Serotonin antiserum incubation (30min), revelation and read steps (30min)
Detailed protocol	Download instructions for use

REFERENCES

Product citations

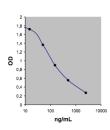
Product pictures



Serotonin ELISA kit







Fast 5-HT ELISA: Standard curve

Standard curve - to be generated every time the assay is performed.



Serotonin ELISA kit



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Contact information

Immusmol

at:

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



https://www.immusmol.com/shop/serotonin-elisa-kit-serum-urine-platelets/