

# 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.

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

# INFORMATIONS

## Product overview

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

## PROTOCOLS

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**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

Urine: 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

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**Sample preparation**

Sample acylation (15min)

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**ELISA**

Serotonin antiserum incubation (30min), revelation and read steps (30min)

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**Detailed protocol**

[Download instructions for use](#)

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## REFERENCES

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**Product citations**

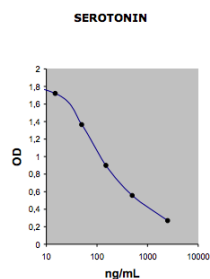
## Product pictures

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**Serotonin ELISA kit**

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### **Fast 5-HT ELISA: Standard curve**

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



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## **Contact information**

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

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

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