

5-HIAA ELISA kit - Urine - Fast Track

Ref: BA-E-1900

This 5-hydroxyindoleacetic acid (5-HIAA) ELISA kit is tailored for the rapid measurement of 5-HIAA in urine samples (specific protocols for CSF and plasma are available). Intended for *in vitro* diagnostics, this fast-track quantitative immunoassay can be performed within 3 hours.

Sample type	50 µl urine
Samples/kit	40 samples in duplicate
Sensitivity	0.17 mg/l
Range	0 / 0.5 - 50 mg/l
Assay time	3h
Species reactivity	Reacts with all species
Citations	<u>2</u>

Product information

Product overview

Product name	5-HIAA ELISA kit - Urine - Fast-Track
Description	<i>In vitro</i> diagnostics enzyme immunoassay (ELISA) for the fast determination of 5-HIAA in urine samples.
Labels	IVD, CE
Format	96-well plate
Samples	50 µl urine
Cross specie-reactivity	React with all species
Standard range	0 / 0.5 - 50 mg/l
Sensitivity	0.17 mg/l
Specificity	No significant cross-reactivity was observed with 5-HIAA analogs such as Serotonin, 5-Hydroxy-DL-Tryptophan, Tryptamine, Melatonin, 5-Hydroxytryptamin, Vanillic mandelic acid and Homovanillic Acid.
Assay time	3 hours
Storage	Store at 2-8°C for up to 6 months.
Datasheets	Instructions for use , Material safety datasheet

Protocols

Sample collection & storage	Spontaneous or 24-hour 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 predilution and methylation (30 min)
ELISA	5-HIAA antiserum incubation (1 hour), revelation and read steps (90 min).
Detailed protocol	Download instructions for use

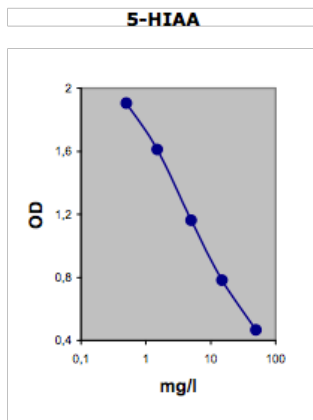
References

- [Beer TM et al. Acupuncture for Hot Flashes in Patients With Prostate Cancer. Urology. 2010 Nov;76\(5\):1182-8.](#)
- [Jackson LN et al. Development and Characterization of a Novel In vivo Model of Carcinoid Syndrome. Clin Cancer Res. 2009 Apr 15;15\(8\):2747-55.](#)

Product pictures

5-HIAA ELISA: Standard curve

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



Fast Urine 5-HIAA ELISA

5-HIAA (5-Hydroxyindoleacetic acid) is the main metabolite of serotonin. Urinary excretion of 5-HIAA is routinely used as a surrogate biomarker to diagnose and monitor carcinoid tumors. In the cerebrospinal fluid, low levels of 5-HIAA have been found to be associated with aggressive behavior and suicide by violent means.



Contact information

IMMUSMOL SAS
229 Cours de l'Argonne
33000 Bordeaux - France
Tel: +33 (0)5 6431 1170
www.immusmol.com

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

<https://www.immusmol.com/5-hiaa-elisa-kit-urine-5-hydroxyindoleacetic-acid-fast.html>