

Human 5-HIAA ELISA Kit | 5-HIAA elisa kit

5-HIAA ELISA

CATALOG # AAA72587	REACTIVITY Human	APPLICATIONS ELISA
------------------------------	----------------------------	------------------------------

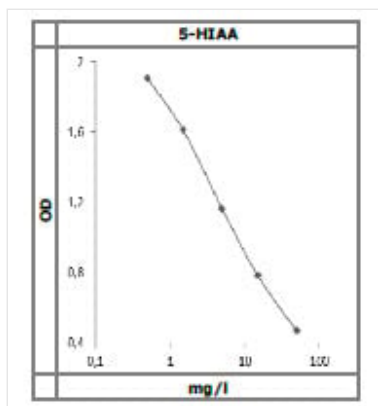
PRODUCT SYNONYMS

5-HIAA; 5-HIAA ELISA; 5-Hydroxy-3-Indole Acetic Acid (5-HIAA); 5-HIAA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Urine
Assay Type	Quantitative Competitive
Applicable Applications for 5-HIAA elisa kit	ELISA
Preparation and Storage	Store at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for 5-HIAA elisa kit	Intended Uses: Enzyme Immunoassay for the quantitative determination of 5-Hydroxy-3-Indole Acetic Acid (5-HIAA) in urine. Principle of the Assay: First, 5-HIAA is derivatized by methylation. The subsequent competitive ELISA uses the microtiter plate format. The antigen is bound to the solid phase of the microtiter plate. The methylated analyte in the standards, controls and samples and the solid phase bound analyte compete for a fixed number of antibody binding sites. After the system has reached equilibrium, free antigen and free antigen-antibody complexes are removed by washing. The antibody bound to the solid phase is detected by an anti-rabbit IgGperoxidase conjugate using TMB as a substrate. The reaction is monitored at 450 nm. Quantification of unknown samples is achieved by comparing their absorbance with a standard curve prepared with known standard concentrations. Background/Introduction: 5-HIAA (5-hydroxyindoleacetic acid) is the major urinary metabolite of serotonin, an ubiquitous bioactive amine. Serotonin, and consequently 5-HIAA, is produced in excess by most carcinoid tumors, especially those associated with the carcinoid syndrome. The syndrome includes flushing and diarrhea, and, less frequently, heart failure and bronchoconstriction. Quantitation of urinary 5-HIAA is therefore intended to test for carcinoid.
---	---

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/5-hiaa/72587>