

General 5-Hydroxyindoleacetic acid ELISA Kit | 5HIAA elisa kit

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CATALOG #
AAA310057

REACTIVITY
General

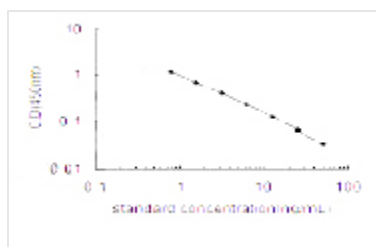
PRODUCT SYNONYMS

5-Hydroxyindoleacetic acid; General 5-Hydroxyindoleacetic acid ELISA Kit; 5HIAA; 5HIAA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	General
Specificity	This assay recognizes recombinant and natural General 5-Hydroxyindoleacetic acid. No significant cross-reactivity or interference was observed.
Samples	Serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids
Assay Type	Quantitative Competitive
Detection Range	0.62-40.0 ng/mL.
Preparation and Storage	Store at 4 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for 5HIAA elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of general 5-hydroxyindoleacetic acid, 5-Hydroxyindoleacetic acid concentrations in serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids.

Principle of the Assay: The ELISA is based on the competitive binding enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to 5-Hydroxyindoleacetic acid. During the reaction, 5-Hydroxyindoleacetic acid in the sample or standard competes with a fixed amount of biotin-labeled 5-Hydroxyindoleacetic acid for sites on a pre-coated Polyclonal antibody specific to 5-Hydroxyindoleacetic acid. Excess conjugate and unbound sample or standard are washed from the plate. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of $450 \text{ nm} \pm 2 \text{ nm}$. The concentration of 5-Hydroxyindoleacetic acid in the samples is then determined by comparing the O.D. of the samples to the standard curve.

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.

