

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

5-Hydroxyindoleacetic acid ELISA Kit

CATALOG #  
**AAA56339**

REACTIVITY  
**General**

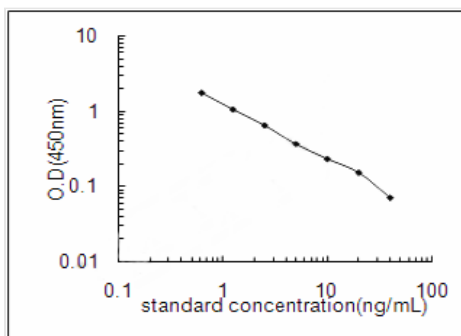
### PRODUCT SYNONYMS

5-Hydroxyindoleacetic acid; 5-Hydroxyindoleacetic acid ELISA Kit; 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              | Competitive                                                                                                                                                                                                                                          |
| Detection Range         | 0.62-40.0 ng/mL.                                                                                                                                                                                                                                     |
| 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. |
| Preparation and Storage | For long term storage, please store the entire kit at -20 degree C.                                                                                                                                                                                  |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for 5HIAA elisa kit

**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 Monoclonal 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 nm  $\pm$  2 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.

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Online datasheet: <https://www.aaabiotech.com/5hiao-general-elisa-kits/5-hydroxyindoleacetic-acid/56339>