

## Rat Acetylserotonin O-methyltransferase ELISA Kit | Asmt elisa kit

Rat Acetylserotonin O-methyltransferase ELISA Kit

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| CATALOG #<br><b>AAA196305</b> | REACTIVITY<br><b>Rat</b> |
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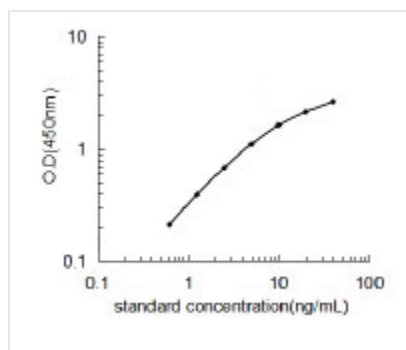
### PRODUCT SYNONYMS

Acetylserotonin O-methyltransferase; Rat Acetylserotonin O-methyltransferase ELISA Kit; 2.1.1.4; Hydroxyindole O-methyltransferase; Asmt; Hiomt; Asmt elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------|
| Reactivity              | Rat                                                                                   |
| Specificity             | Recombinant and natural Rat Acetylserotonin O-methyltransferase                       |
| Sequence Length         | 432                                                                                   |
| Samples                 | Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids |
| Detection Range         | 0.625-40 ng/mL                                                                        |
| Sensitivity             | < 0.285 ng/ml                                                                         |
| Intra-assay Precision   | Intra-Assay CV: <=5.7%                                                                |
| Inter-assay Precision   | Inter-Assay CV: <=8.3%                                                                |
| Preparation and Storage | For long term storage, please store the entire kit at -20 degree C.                   |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
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| Related Product Information for Asmt elisa kit | <p>Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.</p> <p>Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. 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 +/- 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.</p> |
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NCBI AND UNIPROT INFORMATION

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|----------------------------------|-------------------------------------|
| NCBI GI #                        | 189571605                           |
| NCBI GeneID                      | 246281                              |
| NCBI Accession #                 | NP_653360.2                         |
| NCBI GenBank Nucleotide #        | NM_144759.2                         |
| Molecular Weight                 | 45,588 Da                           |
| NCBI Official Full Name          | acetylserotonin O-methyltransferase |
| NCBI Official Synonym Full Names | acetylserotonin O-methyltransferase |
| NCBI Official Symbol             | Asmt                                |
| NCBI Protein Information         | acetylserotonin O-methyltransferase |
| UniProt Protein Name             | Acetylserotonin O-methyltransferase |
| UniProt Gene Name                | Asmt                                |
| UniProt Synonym Gene Names       | Hiomt                               |
| UniProt Entry Name               | ASMT_RAT                            |

**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://stage.aaabiotech.com/asmt-rat-elisa-kits/acetylserotonin-o-methyltransferase/196305>