

## Rat Histamine N-methyltransferase ELISA Kit | Hnmt elisa kit

Rat Histamine N-methyltransferase ELISA Kit

CATALOG #  
**AAA196529**

REACTIVITY  
**Rat**

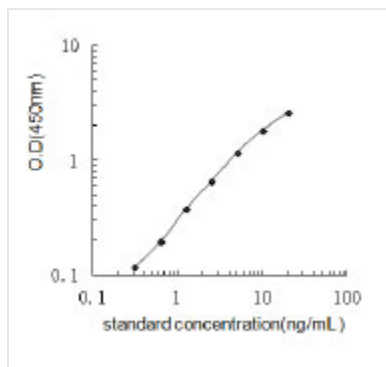
### PRODUCT SYNONYMS

Histamine N-methyltransferase; Rat Histamine N-methyltransferase ELISA Kit; Rattus norvegicus; Rat; HMT; Hnmt; 2.1.1.8; Hnmt elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------|
| Reactivity              | Rat                                                                                   |
| Specificity             | Recombinant and natural Rat Histamine N-methyltransferase,HMT                         |
| Sequence Length         | 295                                                                                   |
| Samples                 | Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids |
| Detection Range         | 0.312-20 ng/mL                                                                        |
| Sensitivity             | <0.159 ng/mL                                                                          |
| Intra-assay Precision   | less than 0.159 ng/mL                                                                 |
| Inter-assay Precision   | Inter-Assay CV: <=10.4%                                                               |
| 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 Hnmt 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

|                                  |                               |
|----------------------------------|-------------------------------|
| NCBI GI #                        | 13591971                      |
| NCBI GeneID                      | 81676                         |
| NCBI Accession #                 | NP_112306.1                   |
| NCBI GenBank Nucleotide #        | NM_031044.3                   |
| UniProt Accession #              | Q01984; Q59JM9                |
| Molecular Weight                 | 33,942 Da                     |
| NCBI Official Full Name          | histamine N-methyltransferase |
| NCBI Official Synonym Full Names | histamine N-methyltransferase |
| NCBI Official Symbol             | Hnmt                          |
| NCBI Protein Information         | histamine N-methyltransferase |
| UniProt Protein Name             | Histamine N-methyltransferase |
| UniProt Gene Name                | Hnmt                          |
| UniProt Synonym Gene Names       | HMT                           |

**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.