

# Mouse ADAMTS5 (A Disintegrin And Metalloproteinase With Thrombospondin 5) ELISA Kit

## | ADAMTS5 elisa kit

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|                               |                            |
|-------------------------------|----------------------------|
| CATALOG #<br><b>AAA278645</b> | REACTIVITY<br><b>Mouse</b> |
|-------------------------------|----------------------------|

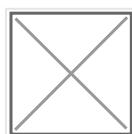
### PRODUCT SYNONYMS

ADAMTS5 (A Disintegrin And Metalloproteinase With Thrombospondin 5); Mouse ADAMTS5 (A Disintegrin And Metalloproteinase With Thrombospondin 5) ELISA Kit; ADMP-2; Aggrecanase-2; ADAMTS5 elisa kit

### PRODUCT SPECIFICATIONS

|                 |                                                               |
|-----------------|---------------------------------------------------------------|
| Reactivity      | Mouse                                                         |
| Assay Type      | Sandwich                                                      |
| Samples         | Serum, plasma, tissue homogenates and other biological fluids |
| Detection Range | 0.32-20ng/mL                                                  |
| Sensitivity     | 0.13ng/mL                                                     |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

|                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for ADAMTS5 elisa kit | Test Principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Mouse ADAMTS5. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse ADAMTS5. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Mouse ADAMTS5, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Mouse ADAMTS5 in the samples is then determined by comparing the OD of the samples to the standard curve. |
| Product Categories/Family for ADAMTS5 elisa kit   | Enzyme & Kinase                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

### NCBI AND UNIPROT INFORMATION

|                           |             |
|---------------------------|-------------|
| NCBI GI #                 | 125490361   |
| NCBI GeneID               | 23794       |
| NCBI Accession #          | NP_035912.2 |
| NCBI GenBank Nucleotide # | NM_011782.2 |

|                                  |                                                                                                                         |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| UniProt Accession #              | Q9R001; B2RRX9                                                                                                          |
| Molecular Weight                 | 101,844 Da                                                                                                              |
| NCBI Official Full Name          | A disintegrin and metalloproteinase with thrombospondin motifs 5                                                        |
| NCBI Official Synonym Full Names | a disintegrin-like and metallopeptidase (reprolysin type) with thrombospondin type 1 motif, 5 (aggrecanase-2)           |
| NCBI Official Symbol             | Adamts5                                                                                                                 |
| NCBI Official Synonym Symbols    | ASMP-2; ADAMTS1; ADAM-TS5; ADAMTS11; AI481094; 9530092O11Rik                                                            |
| NCBI Protein Information         | A disintegrin and metalloproteinase with thrombospondin motifs 5; ADMP-2; ADAMTS-5; ADAM-TS 5; implantin; aggrecanase-2 |
| UniProt Protein Name             | A disintegrin and metalloproteinase with thrombospondin motifs 5                                                        |
| UniProt Gene Name                | Adamts5                                                                                                                 |
| UniProt Synonym Gene Names       | ADAM-TS 5; ADAM-TS5; ADAMTS-5                                                                                           |
| UniProt Entry Name               | ATS5_MOUSE                                                                                                              |

**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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