

## Mouse Mucin-1 ELISA Kit | MUC1 elisa kit

Mouse Mucin-1 ELISA Kit

CATALOG #  
AAA122947

REACTIVITY  
Mouse

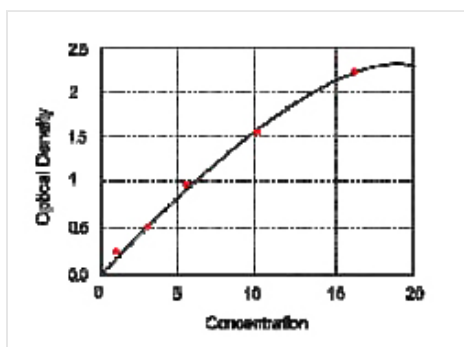
### PRODUCT SYNONYMS

Mucin-1; Mouse Mucin-1 ELISA Kit; MUC1 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                                                                                                                                            |
| Sequence Length         | 475                                                                                                                                                                                              |
| Samples                 | Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates                                                                                                                         |
| Assay Type              | Quantitative Sandwich                                                                                                                                                                            |
| Detection Range         | 5ng/L-2000ng/L                                                                                                                                                                                   |
| Sensitivity             | 3.09ng/L                                                                                                                                                                                         |
| Intra-assay Precision   | Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%                              |
| Inter-assay Precision   | Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10% |
| Preparation and Storage | Store at 2 to 8 degree C for 6 months.                                                                                                                                                           |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
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| Related Product Information for MUC1 elisa kit | <p>Intended Uses: This sandwich kit is for the accurate quantitative detection of Mouse Matrix Gla Protein (also known as MGP) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.</p> <p>Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Mouse MGP antibody. MGP present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse MGP Antibody is added and binds to MGP in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated MGP antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Mouse MGP. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.</p> |
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NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                               |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 324120956                                                                                                                     |
| NCBI GeneID                      | 4582                                                                                                                          |
| NCBI Accession #                 | NP_001191214.1                                                                                                                |
| NCBI GenBank Nucleotide #        | NM_001204285.1                                                                                                                |
| UniProt Accession #              | P15941                                                                                                                        |
| NCBI Official Full Name          | mucin-1 isoform 9                                                                                                             |
| NCBI Official Synonym Full Names | mucin 1, cell surface associated                                                                                              |
| NCBI Official Symbol             | MUC1                                                                                                                          |
| NCBI Official Synonym Symbols    | EMA; MCD; PEM; PUM; KL-6; MAM6; MCKD; PEMT; CD227; H23AG; MCKD1; MUC-1; ADMCKD; ADMCKD1; CA 15-3; MUC-1/X; MUC1/ZD; MUC-1/SEC |
| NCBI Protein Information         | mucin-1                                                                                                                       |
| UniProt Protein Name             | Mucin-1                                                                                                                       |
| UniProt Gene Name                | <b>MUC1</b>                                                                                                                   |
| UniProt Synonym Gene Names       | PUM; MUC-1; CA 15-3; KL-6; PUM; PEM; EMA; MUC1-NT; MUC1-alpha; MUC1-beta                                                      |
| UniProt Entry Name               | MUC1_HUMAN                                                                                                                    |

**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.