

Mouse Mucin-1 ELISA Kit | MUC1 elisa kit

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CATALOG #
AAA101516

REACTIVITY
Mouse

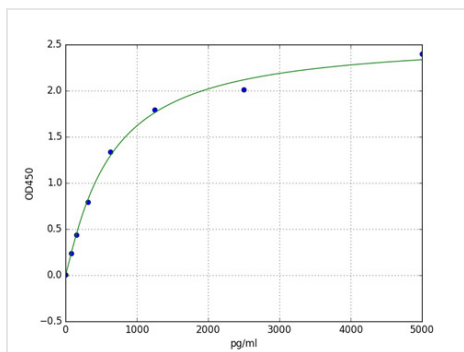
PRODUCT SYNONYMS

Mucin-1; Mouse Mucin-1 ELISA Kit; MUC1/CD227/Episialin/H23AG/KL-6/PEM/PEMT/Breast carcinoma-associated antigen DF3/Carcinoma-associated mucin/CD227/CD227 antigen/DF3 antigen/EMA/episialin/H23 antigen/H23AG/KL-6/MAM6/MUC1/ZD/mucin 1; cell surface associated/mucin 1; transmembrane/mucin-1/Peanut-reactive urinary mucin/PEMMUC-1/SEC/PEMT/Polymorphic epithelial mucin/PUMMUC-1/X/tumor associated epithelial mucin/Tumor-associated epithelial membrane antigen/Tumor-associated mucin; MUC1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	484
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Mouse MUC1 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	78	156	312.5	625	1250	2500	5000
Y	OD450	0.006	0.220	0.399	0.734	1.490	1.755	1.710	2.143

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MUC1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Mouse MUC1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse MUC1 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Mouse MUC1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse MUC1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	324120958
NCBI GeneID	4582
NCBI Accession #	NP_001191215.1
NCBI GenBank Nucleotide #	NM_001204286.1
Molecular Weight	28,297 Da
NCBI Official Full Name	mucin-1 isoform 10
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	MUC1
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.

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Online datasheet: <https://stage.aaabiotech.com/muc1-mouse-elisa-kits/mucin-1/101516>