

Human Mucin-12 ELISA Kit | MUC12 elisa kit

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CATALOG #
AAA97690

REACTIVITY
Human

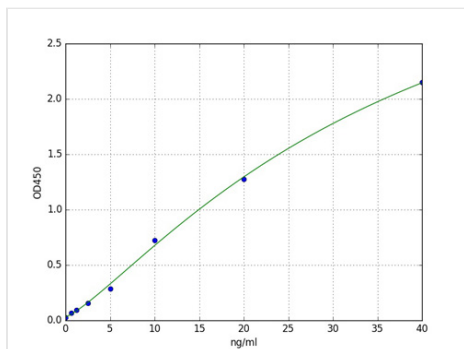
PRODUCT SYNONYMS

Mucin-12; Human Mucin-12 ELISA Kit; MUC12 (Mucin-12)/MUC11/Mucin-11/MUC-11/MUC-12; MUC12 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	5335
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.625-40ng/ml
Sensitivity	0.375ng/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



Typical Data & Standard Curve

Results of a typical standard run of a Human MUC12 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	ng/ml	0	0.625	1.25	2.5	5	10	20	40
Y	OD450	0.077	0.104	0.126	0.221	0.389	0.750	1.679	2.614

Standard Curve (Sample)

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MUC12 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human MUC12antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human MUC12 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. HRPStreptavidin 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 Human MUC12 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration ofHuman MUC12can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

256600257

NCBI GeneID	10071
NCBI Accession #	NP_001157934.1
NCBI GenBank Nucleotide #	NM_001164462.1
Molecular Weight	542,703 Da
NCBI Official Full Name	mucin-12
NCBI Official Synonym Full Names	mucin 12, cell surface associated
NCBI Official Symbol	MUC12
NCBI Official Synonym Symbols	MUC11; MUC-11; MUC-12
NCBI Protein Information	mucin-12
UniProt Protein Name	Mucin-12
UniProt Gene Name	MUC12
UniProt Synonym Gene Names	MUC11; MUC-12; MUC-11
UniProt Entry Name	MUC12_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/muc12-human-elisa-kits/mucin-12/97690>