

Human Mucin-4, MUC4 ELISA Kit | MUC4 elisa kit

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CATALOG #
AAA42349

REACTIVITY
Human

PRODUCT SYNONYMS

Mucin-4; MUC4; Human Mucin-4; MUC4 ELISA Kit; MUC4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	5412
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	10pg/ml - 3000pg/ml
Sensitivity	5.48pg/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MUC4 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Mucin-4 (also known as MUC4) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human MUC4 antibody. MUC4 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human MUC4 Antibody is added and binds to MUC4 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated MUC4 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 human MUC4. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	257471027
NCBI GeneID	4585
NCBI Accession #	NP_060876.5
NCBI GenBank Nucleotide #	NM_018406.6
UniProt Accession #	Q99102; O95938; Q9GZM2; Q9GZV6; Q9H481; Q9H482; Q9H483; Q9H484; Q9H485; Q9H486; Q9H487; Q9H4D6
Molecular Weight	118,842 Da
NCBI Official Full Name	mucin-4 isoform a
NCBI Official Synonym Full Names	mucin 4, cell surface associated
NCBI Official Symbol	MUC4
NCBI Official Synonym Symbols	ASGP; MUC-4; HSA276359
NCBI Protein Information	mucin-4
UniProt Protein Name	Mucin-4
UniProt Gene Name	MUC4
UniProt Synonym Gene Names	MUC-4; ASGP; ASGP-1; ASGP-2

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/human-elisa-kits/mucin-4-muc4/42349>