

Human mucin 4, cell surface associated ELISA Kit | MUC4 elisa kit

Human Mucin-4, MUC4 ELISA Kit

CATALOG #
AAA112589

REACTIVITY
Human

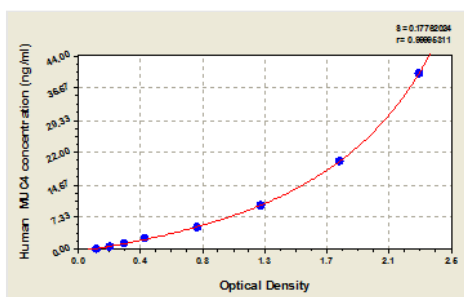
PRODUCT SYNONYMS

mucin 4; cell surface associated; Human Mucin-4; MUC4 ELISA Kit; Human Mucin-4 (MUC4) ELISA kit; HSA276359; tracheobronchial; MUC4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human MUC4. No significant cross-reactivity or interference between human MUC4 and analogues was observed.
Sequence Length	1176
Samples	Serum, plasma, tissue homogenates.
Assay Type	Sandwich
Detection Range	0.625 ng/ml-40 ng/ml.
Sensitivity	0.156 ng/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8% Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MUC4 elisa kit	Principle of the Assay This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for MUC4 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MUC4 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MUC4 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of MUC4 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	112382233
NCBI GeneID	4585
NCBI Accession #	NP_004523.3
NCBI GenBank Nucleotide #	NM_004532.5
UniProt Accession #	Q99102; O95938; Q9GZM2; Q9GZV6; Q9H481; Q9H482; Q9H483; Q9H484; Q9H485; Q9H486; Q9H487; Q9H4D6
Molecular Weight	231,518 Da
NCBI Official Full Name	mucin-4 isoform d
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; testis mucin; tracheobronchial mucin; ascites sialoglycoprotein; mucin 4, tracheobronchial; pancreatic adenocarcinoma mucin
UniProt Protein Name	Mucin-4
UniProt Gene Name	MUC4
UniProt Synonym Gene Names	MUC-4; ASGP; ASGP-1; ASGP-2
UniProt Entry Name	MUC4_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/muc4-human-elisa-kits/mucin-4-cell-surface-associated/112589>