

Human Mucin-5B ELISA Kit | MUC5B elisa kit

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CATALOG #
AAA23323

REACTIVITY
Human

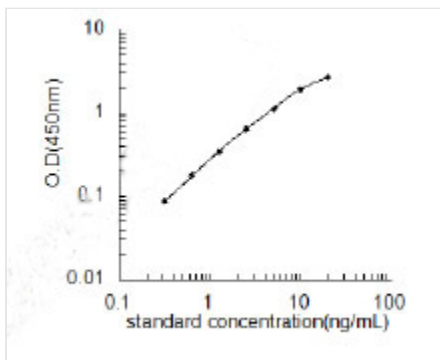
PRODUCT SYNONYMS

Mucin-5B; Human Mucin-5B ELISA Kit; MUC-5B; Cervical mucin; High molecular weight salivary mucin MG1; Mucin-5 subtype B; tracheobronchial; Sublingual gland mucin; MUC5B; MUC5; MUC5B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Recombinant and natural Human MUC-5B
Sequence Length	5762
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.312-20 ng/mL
Sensitivity	< 0.098 ng/mL
Intra-assay Precision	Intra-Assay CV: <=4.9%
Inter-assay Precision	Inter-Assay CV: <=7.7%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MUC5B elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	301172750
NCBI GeneID	727897
NCBI Accession #	NP_002449.2
NCBI GenBank Nucleotide #	NM_002458.2
UniProt Accession #	Q9HC84; O00447; O00573; O14985; O15494; O95291; O95451; Q14881; Q7M4S5; Q99552; Q9UE28
Molecular Weight	596,340 Da
NCBI Official Full Name	mucin-5B
NCBI Official Synonym Full Names	mucin 5B, oligomeric mucus/gel-forming
NCBI Official Symbol	MUC5B
NCBI Official Synonym Symbols	MG1; MUC5; MUC9; MUC-5B
NCBI Protein Information	mucin-5B
UniProt Protein Name	Mucin-5B
UniProt Gene Name	MUC5B
UniProt Synonym Gene Names	MUC5; MUC-5B
UniProt Entry Name	MUC5B_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/muc5b-human-elisa-kits/mucin-5b/23323>