

Human Mucin-5AC ELISA Kit | MUC5AC elisa kit

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CATALOG #
AAA310021

REACTIVITY
Human

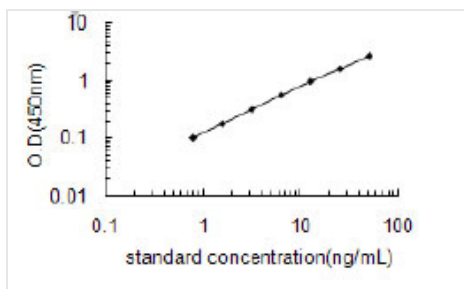
PRODUCT SYNONYMS

Mucin-5AC; Human Mucin-5AC ELISA Kit; MUC-5AC; Gastric mucin; Lewis B blood group antigen; LeB; Major airway glycoprotein; Mucin-5 subtype AC; tracheobronchial; Tracheobronchial mucin; TBM; MUC5AC; MUC5; MUC5AC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural human MMP-9. No significant cross-reactivity or interference was observed.
Samples	Serum, Plasma, Tissue Homogenates And Cell Culture Supernates And Other Biological Fluids
Detection Range	0.15 ng/mL-10.0 ng/mL.
Preparation and Storage	Store at 4 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MUC5AC elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of human matrix metalloproteinase-9, MMP-9 concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to MMP-9. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for MMP-9 and 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 MMP-9, 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 MMP-9 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #

748983076

NCBI GeneID	4586
NCBI Accession #	NP_001291288.1
NCBI GenBank Nucleotide #	NM_001304359.1
UniProt Accession #	P98088; O60460; O76065; Q13792; Q14425; Q658Q1; Q7M4S5; Q8N4M9; Q8WWQ3; Q8WWQ4; Q8WWQ5; A0A096LPK4
Molecular Weight	585,570 Da
NCBI Official Full Name	mucin-5AC
NCBI Official Synonym Full Names	mucin 5AC, oligomeric mucus/gel-forming
NCBI Official Symbol	MUC5AC
NCBI Official Synonym Symbols	TBM; leB; MUC5; mucin
NCBI Protein Information	mucin-5AC
UniProt Protein Name	Mucin-5AC
UniProt Gene Name	MUC5AC
UniProt Synonym Gene Names	TBM

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/muc5ac-human-elisa-kits/mucin-5ac/310021>