

Human mucin-5AC ELISA Kit | MUC5AC elisa kit

Human mucin-5AC, MUC5AC ELISA Kit

CATALOG #
AAA15252

REACTIVITY
Human

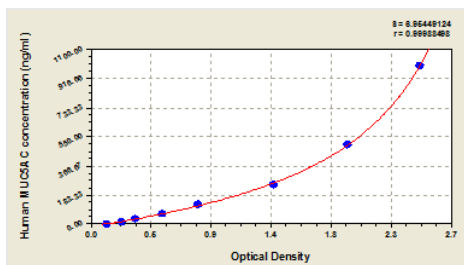
PRODUCT SYNONYMS

mucin-5AC; Human mucin-5AC; MUC5AC ELISA Kit; Human mucin-5AC (MUC5AC) ELISA kit; MUC5; gastric mucin; mucin 5; subtypes A and C; tracheobronchial/gastric; mucin 5AC; tracheobronchial mucin; MUC5AC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human MUC5AC. No significant cross-reactivity or interference between human MUC5AC and analogues was observed.
Sequence Length	5030
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, urine
Detection Range	15.6 ng/ml-1000 ng/ml
Sensitivity	< 3.9 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 MUC5AC elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for MUC5AC has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MUC5AC present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MUC5AC 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 MUC5AC 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 #	160370004
NCBI GeneID	4586
UniProt Accession #	P98088; O60460; O76065; Q13792; Q14425; Q658Q1; Q7M4S5; Q8N4M9; Q8WWQ3; Q8WWQ4; Q8WWQ5
Molecular Weight	526,608 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
NCBI Protein Information	mucin-5AC; mucin 5AC, oligomeric mucus/gel-forming; gastric mucin; tracheobronchial mucin; major airway glycoprotein; lewis B blood group antigen; mucin-5 subtype AC, tracheobronchial; mucin 5AC, oligomeric mucus/gel-forming pseudogene; mucin 5, subtypes A and C, tracheobronchial/gastric
UniProt Protein Name	Mucin-5AC
UniProt Gene Name	MUC5AC
UniProt Synonym Gene Names	MUC5; MUC-5AC; LeB; TBM
UniProt Entry Name	MUC5A_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.