

Rat Mucin-5 subtype AC, MUC5AC ELISA Kit | MUC5AC elisa kit

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CATALOG #
AAA42871

REACTIVITY
Rat

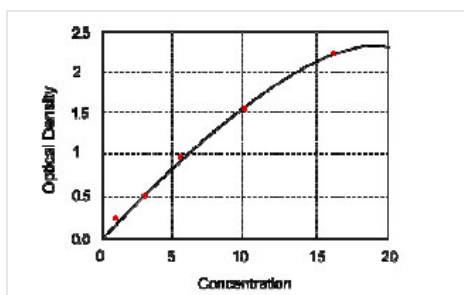
PRODUCT SYNONYMS

Mucin-5 subtype AC; MUC5AC; Rat Mucin-5 subtype AC; MUC5AC ELISA Kit; MUC5AC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	67
Samples	Serum, plasma, cell culture supernates, ascites, tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	30-9000ng/L
Sensitivity	14.55ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. 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 MUC5AC elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Mucin-5 subtype AC (also known as MUC5AC) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat MUC5AC antibody. MUC5AC present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat MUC5AC Antibody is added and binds to MUC5AC in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated MUC5AC 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 Rat MUC5AC. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	15026993
NCBI GeneID	4586
UniProt Accession #	Q96DU6; P98088
Molecular Weight	6,501 Da
NCBI Official Full Name	MUC5AC protein, partial
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	MUC5AC protein
UniProt Gene Name	MUC5AC

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/rat-elisa-kits/mucin-5-subtype-ac-muc5ac/42871>