

Mouse mucin-5 subtype B, MUC5B ELISA Kit | MUC5B elisa kit

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CATALOG #
AAA42912

REACTIVITY
Mouse

PRODUCT SYNONYMS

mucin-5 subtype B; MUC5B; Mouse mucin-5 subtype B; MUC5B ELISA Kit; MUC5B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	5762
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 30ng/ml
Sensitivity	0.021ng/ml
Intra-Assay	CV<8%
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 MUC5B elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Mouse Mucin-5 Subtype B (also known as MUC5B) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Mouse MUC5B antibody. MUC5B present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse MUC5B Antibody is added and binds to MUC5B in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated MUC5B 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 Mouse MUC5B. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

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

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/mucin-5-subtype-b-muc5b/42912>