

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

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CATALOG #
AAA80841

REACTIVITY
Mouse

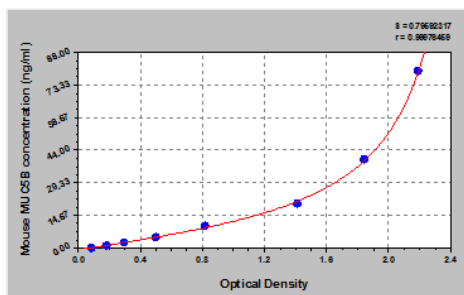
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse MUC5B. No significant cross-reactivity or interference between mouse MUC5B and analogues was observed.
Sequence Length	5762
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates and tissue homogenates
Detection Range	1.25 ng/ml-80 ng/ml
Sensitivity	< 0.31 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 MUC5B elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for MUC5B has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MUC5B present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MUC5B 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 MUC5B 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 #	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; cervical mucin MUC5B; sublingual gland mucin; mucin 5, subtype B, tracheobronchial; high molecular weight salivary mucin MG1
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.