

Mouse mucin 2, oligomeric mucus/gel-forming ELISA Kit | MUC2 elisa kit

Mouse Mucin-2, MUC2 ELISA Kit

CATALOG #
AAA80842

REACTIVITY
Mouse

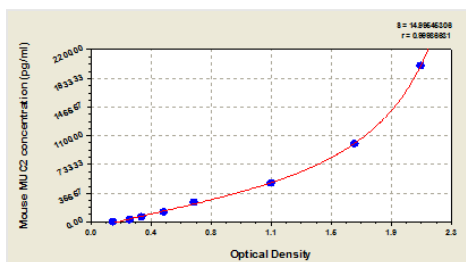
PRODUCT SYNONYMS

mucin 2; oligomeric mucus/gel-forming; Mouse Mucin-2; MUC2 ELISA Kit; MLP; SMUC; intestinal/tracheal; mucin-like protein; MUC2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse MUC2. No significant cross-reactivity or interference between mouse MUC2 and analogues was observed.
Sequence Length	2680
Samples	Serum, plasma, cell culture supernates, tissue homogenates
Detection Range	31.25 pg/ml -2000 pg/mL
Sensitivity	<7.81 pg/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 MUC2 elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for MUC2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MUC2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MUC2 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 MUC2 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	239977559
NCBI GeneID	17831
UniProt Accession #	Q80Z19; Q0P637; Q80Z17; Q8K0Q1; Q9CVG8; Q9Z2U5
Molecular Weight	293,436 Da
NCBI Official Full Name	Mucin-2
NCBI Official Synonym Full Names	mucin 2
NCBI Official Symbol	Muc2
NCBI Official Synonym Symbols	MCM; wnn; 2010015E03Rik
NCBI Protein Information	mucin-2; colonic mucin; secreted gel-forming mucin
UniProt Protein Name	Mucin-2
UniProt Gene Name	Muc2
UniProt Synonym Gene Names	MUC-2; MCM
UniProt Entry Name	MUC2_MOUSE

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/muc2-mouse-elisa-kits/mucin-2-oligomeric-mucus-gel-forming/80842>