

Mouse Mucin-2 ELISA Kit | Muc2 elisa kit

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CATALOG #
AAA195076

REACTIVITY
Mouse

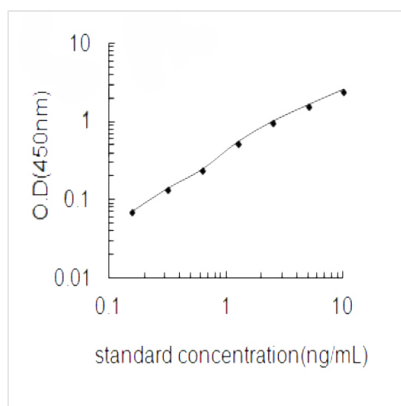
PRODUCT SYNONYMS

Mucin-2; Mouse Mucin-2 ELISA Kit; MUC-2; Colonic mucin; MCM; Secreted gel-forming mucin; Muc2; Muc2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Recombinant and natural Mouse MUC-2
Sequence Length	2680
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.156-10 ng/mL
Sensitivity	< 0.088 ng/mL
Intra-assay Precision	<=5.3%
Inter-assay Precision	<=9.4%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Muc2 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.
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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
UniProt Protein Name	Mucin-2
UniProt Gene Name	Muc2
UniProt Synonym Gene Names	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.