

Rat Mucin-2 ELISA Kit | Muc2 elisa kit

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CATALOG #
AAA122892

REACTIVITY
Rat

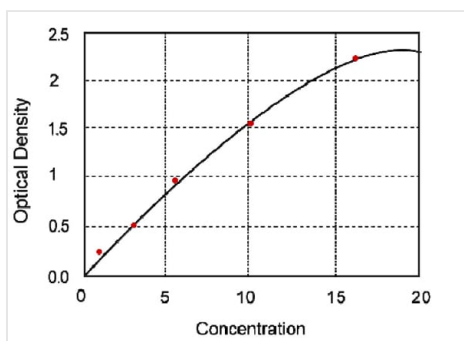
PRODUCT SYNONYMS

Mucin-2; Rat Mucin-2 ELISA Kit; Muc2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	2393
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	0.5-100ng/ml
Sensitivity	0.25ng/ml
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 Muc2 elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat MUC2 antibody. MUC2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat MUC2 Antibody is added and binds to MUC2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated MUC2 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 MUC2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Mucin-2 (also known as MUC2) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	410442543
NCBI GeneID	17831
NCBI Accession #	NP_076055.3
NCBI GenBank Nucleotide #	NM_023566.3
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

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-2/122892>