

Human Mucin-7 ELISA Kit | MUC7 elisa kit

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CATALOG #
AAA194929

REACTIVITY
Human

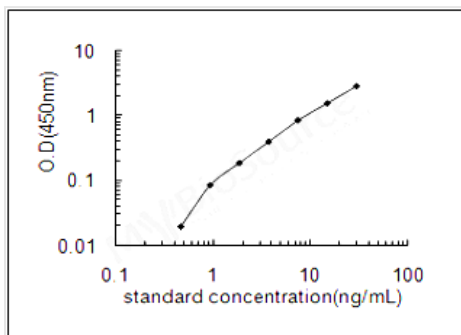
PRODUCT SYNONYMS

Mucin-7; Human Mucin-7 ELISA Kit; MUC-7; Apo-MG2; Salivary mucin-7; MUC7; MG2; MUC7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Recombinant and natural Human Mucin-7,MUC-7
Sequence Length	377
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.469-30 ng/mL
Sensitivity	<0.12 ng/mL
Intra-assay Precision	Intra-Assay CV: <=4.1%
Inter-assay Precision	Inter-Assay CV: <=6.9%
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 MUC7 elisa kit	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. 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	222418647
NCBI GeneID	4589
NCBI Accession #	NP_001138478.1
NCBI GenBank Nucleotide #	NM_001145006.1
UniProt Accession #	Q8TAX7; Q9UCD7; Q9UCD8
Molecular Weight	39,159 Da
NCBI Official Full Name	mucin-7
NCBI Official Synonym Full Names	mucin 7, secreted
NCBI Official Symbol	MUC7
NCBI Official Synonym Symbols	MG2
NCBI Protein Information	mucin-7
UniProt Protein Name	Mucin-7
UniProt Gene Name	MUC7
UniProt Synonym Gene Names	MG2; MUC-7
UniProt Entry Name	MUC7_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.

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Online datasheet: <https://www.aaabiotech.com/muc7-human-elisa-kits/mucin-7/194929>