

Human Mucin-7, MUC7 ELISA Kit | MUC7 elisa kit

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CATALOG #
AAA43306

REACTIVITY
Human

PRODUCT SYNONYMS

Mucin-7; MUC7; Human Mucin-7; MUC7 ELISA Kit; MUC7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	377
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	5ng/ml - 300ng/ml
Sensitivity	2.02ng/ml
Intra-Assay	CV<8%
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 MUC7 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Mucin-7 (also known as MUC7) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human MUC7 antibody. MUC7 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human MUC7 Antibody is added and binds to MUC7 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated MUC7 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 Human MUC7. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	222418649
NCBI GeneID	4589
NCBI Accession #	NP_001138479.1
NCBI GenBank Nucleotide #	NM_001145007.1
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

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/human-elisa-kits/mucin-7-muc7/43306>