

Human Gastric Mucin, GM ELISA Kit | GM elisa kit

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CATALOG #
AAA41632

REACTIVITY
Human

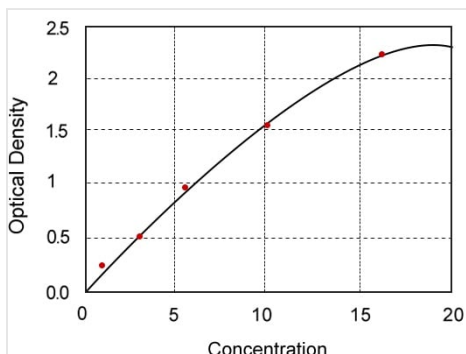
PRODUCT SYNONYMS

Gastric Mucin; GM; Human Gastric Mucin; GM ELISA Kit; GM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1373
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.2ng/ml - 60ng/ml
Sensitivity	0.12ng/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 GM elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Gastric Mucin (also known as GM) 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 GM antibody. GM present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human GM Antibody is added and binds to GM in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated GM 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 GM. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	3192971
NCBI GeneID	4586
UniProt Accession #	P98088; O60460; O76065; Q13792; Q14425; Q658Q1; Q7M4S5; Q8N4M9; Q8WWQ3; Q8WWQ4; Q8WWQ5; A0A096LPK4
Molecular Weight	585,570 Da
NCBI Official Full Name	gastric mucin, partial
NCBI Official Synonym Full Names	mucin 5AC, oligomeric mucus/gel-forming
NCBI Official Symbol	MUC5AC
NCBI Official Synonym Symbols	TBM; leB; MUC5; mucin
NCBI Protein Information	mucin-5AC
UniProt Protein Name	Mucin-5AC
UniProt Gene Name	MUC5AC
UniProt Synonym Gene Names	LeB1 PublicationManual assertion based on opinion iniRef.13; TBM1 PublicationManual assertion based on opinion iniRef.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/gastric-mucin-gm/41632>