

Human Mucin-1, MUC1 ELISA Kit | MUC1 elisa kit

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CATALOG #
AAA11157

REACTIVITY
Human

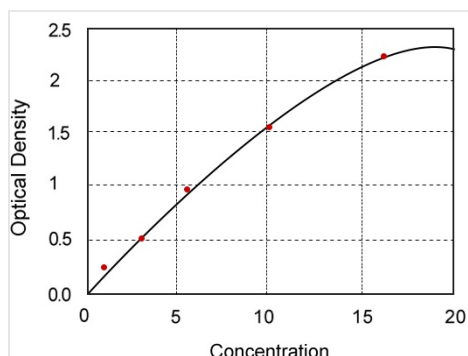
PRODUCT SYNONYMS

Mucin-1; MUC1; Human Mucin-1; MUC1 ELISA Kit; MUC1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	484
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 15ng/ml
Sensitivity	0.024ng/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 MUC1 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Mucin-1 (also known as MUC1) 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 MUC1 antibody. MUC1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human MUC1 Antibody is added and binds to MUC1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated MUC1 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 MUC1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	324120958
NCBI GeneID	4582
NCBI Accession #	NP_001191215.1
NCBI GenBank Nucleotide #	NM_001204286.1
UniProt Accession #	P15941; P13931; P15942; P17626; A5YRV1; A6ZID9; A6ZIE0; B1AVQ8; B1AVR0; B6ECA1; E7ESE5; E7EUG9
Molecular Weight	122,941 Da
NCBI Official Full Name	mucin-1 isoform 10
NCBI Official Synonym Full Names	mucin 1, cell surface associated
NCBI Official Symbol	MUC1
NCBI Official Synonym Symbols	EMA; MCD; PEM; PUM; KL-6; MAM6; MCKD; PEMT; CD227; H23AG; MCKD1; MUC-1; ADMCKD; ADMCKD1; CA 15-3; MUC-1/X; MUC1/ZD; MUC-1/SEC
NCBI Protein Information	mucin-1
UniProt Protein Name	Mucin-1
UniProt Gene Name	MUC1
UniProt Synonym Gene Names	PUM; MUC-1; CA 15-3; KL-6; PUM; PEM; EMA; MUC1-NT; MUC1-alpha; MUC1-beta

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.