

Human Mucin-1 ELISA Kit | MUC1 elisa kit

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CATALOG #
AAA195543

REACTIVITY
Human

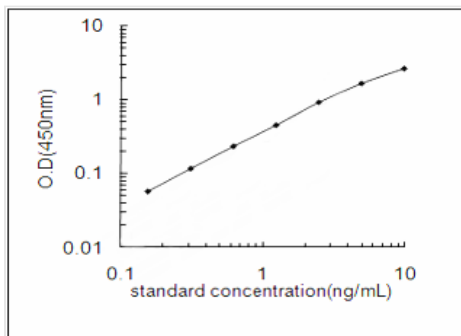
PRODUCT SYNONYMS

Mucin-1; Human Mucin-1 ELISA Kit; MUC-1; Breast carcinoma-associated antigen DF3; Carcinoma-associated mucin; Episialin; H23AG; PEMT; Peanut-reactive urinary mucin; PUM; Polymorphic epithelial mucin; PEM; MUC1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural human MUC-1. No significant cross-reactivity or interference was observed.
Sequence Length	264
Assay Type	Sandwich
Detection Range	0.156-10 ng/mL
Sensitivity	0.1ng/mL
Intra-Assay CV	<=4.8%
Inter-Assay CV	<=9.2%
Recovery	99%
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 MUC1 elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of human mucin-1,MUC-1 concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to MUC-1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for MUC-1 and 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 MUC-1, 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 MUC-1 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 #	67189007
NCBI GeneID	4582
NCBI Accession #	NP_001018016.1
NCBI GenBank Nucleotide #	NM_001018016.2
UniProt Accession #	P15941; P13931; P15942; P17626; A5YRV1; A6ZID9; A6ZIE0; B1AVQ8; B1AVR0; B6ECA1; E7ESE5; E7EUG9
Molecular Weight	28,297 Da
NCBI Official Full Name	mucin-1 isoform 2
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
UniProt Entry Name	MUC1_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.