

Human MUC21 ELISA Kit | MUC21 elisa kit

Human MUC21 (Mucin 21) ELISA Kit

CATALOG #
AAA165511

REACTIVITY
Human

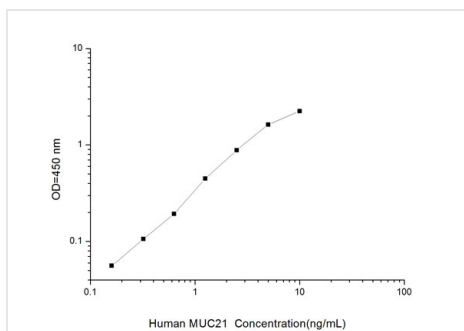
PRODUCT SYNONYMS

MUC21; Human MUC21 (Mucin 21) ELISA Kit; MUC21 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human MUC21. No significant cross-reactivity or interference between Human MUC21 and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Human MUC21 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	566
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	Min: 0.094ng/mL; Max: 10ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MUC21 elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of MUC21 in human serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human MUC21. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Human MUC21 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human MUC21, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Human MUC21. You can calculate the concentration of Human MUC21 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	161016767
NCBI GeneID	394263
NCBI Accession #	NP_001010909.2
NCBI GenBank Nucleotide #	NM_001010909.3
UniProt Accession #	Q5SSG8; Q0VGF1; Q3B7T2; Q5SS94; Q6UXC5; B0UZX7; B4DQ55; C9JMK2; D9N007
Molecular Weight	40,331 Da
NCBI Official Full Name	mucin-21
NCBI Official Synonym Full Names	mucin 21, cell surface associated
NCBI Official Symbol	MUC21
NCBI Official Synonym Symbols	MUC-21; KMQK697; C6orf205
NCBI Protein Information	mucin-21; epiglycanin
UniProt Protein Name	Mucin-21
UniProt Gene Name	MUC21
UniProt Synonym Gene Names	C6orf205; MUC-21
UniProt Entry Name	MUC21_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://stage.aaabiotech.com/human-elisa-kits/muc21/165511>