

Human Mucin-3A (MUC3A) ELISA Kit | MUC3A elisa kit

Human Mucin-3A (MUC3A) ELISA Kit

CATALOG #
AAA331617

REACTIVITY
Human

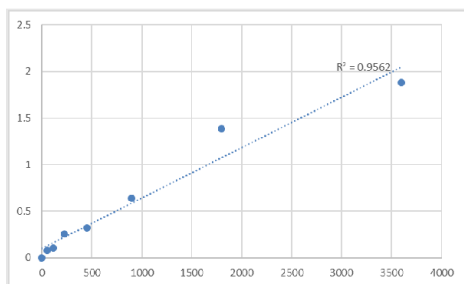
PRODUCT SYNONYMS

Mucin-3A (MUC3A); Human Mucin-3A (MUC3A) ELISA Kit; MUC3A; MUC3; mucin; mucin 3; intestinal; mucin 3A; MUC3A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Mucin-3A (MUC3A) ELISA Kit has high sensitivity and excellent specificity for detection of Human MUC3A. No significant cross-reactivity or interference between Human MUC3A and analogues was observed.
Sequence Length	3323
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Mucin-3A (MUC3A) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for MUC3A elisa kit	Description: This Human Mucin-3A (MUC3A) ELISA Kit employs a two-site sandwich ELISA to quantitate MUC3A in samples. An antibody specific for MUC3A has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MUC3A present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MUC3A is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of MUC3A bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: The mucin genes encode epithelial glycoproteins, some of which are secreted and some membrane bound. Each of the genes contains at least one large domain of tandemly repeated sequence that encodes the peptide sequence rich in serine and/or threonine residues, which carries most of the O-linked glycosylation.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	628601833
NCBI GeneID	4584
NCBI Accession #	NP_005951.1
NCBI GenBank Nucleotide #	NP_005951.1
UniProt Accession #	Q02505
NCBI Official Full Name	mucin-3A
NCBI Official Synonym Full Names	mucin 3A, cell surface associated
NCBI Official Symbol	MUC3A
NCBI Official Synonym Symbols	MUC3; MUC-3A
NCBI Protein Information	mucin-3A
UniProt Protein Name	Mucin-3A
UniProt Gene Name	MUC3A
UniProt Synonym Gene Names	MUC-3ACurated
UniProt Entry Name	MUC3A_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/mucin-3a-muc3a/331617>