

Human Mucin 3 ELISA Kit | MUC3 elisa kit

Human Mucin 3 ELISA Kit

CATALOG #
AAA99619

REACTIVITY
Human

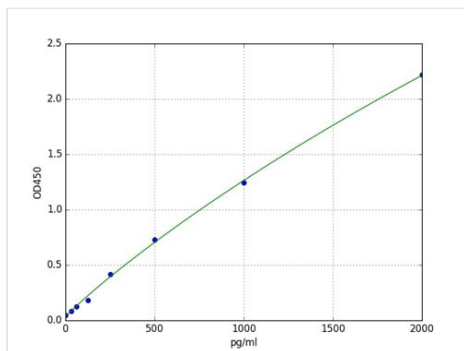
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	106
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human MUC3A ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.625	1.25	2.5	5	10	20	40
Y	OD450	0.148	0.205	0.234	0.325	0.538	0.961	1.479	2.135

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MUC3 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human MUC3A antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human MUC3A antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human MUC3A amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human MUC3A can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

5639821

NCBI GeneID	4584
Molecular Weight	259,631 Da
NCBI Official Full Name	mucin 3, partial
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	MUC3; MUC-3A
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://stage.aaabiotech.com/muc3-human-elisa-kits/mucin-3/99619>