

Human mucin 15, cell surface associated ELISA Kit | MUC15 elisa kit

Human Mucin-15, MUC15 ELISA Kit

CATALOG #
AAA112538

REACTIVITY
Human

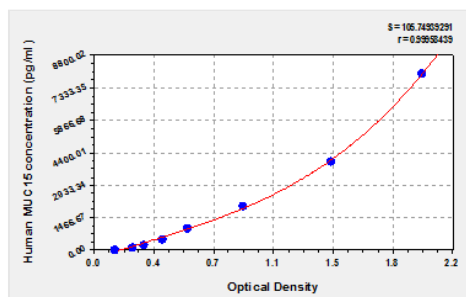
PRODUCT SYNONYMS

mucin 15; cell surface associated; Human Mucin-15; MUC15 ELISA Kit; Human Mucin-15 (MUC15) ELISA kit; PAS3; PASIII; MUC15 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human MUC15. No significant cross-reactivity or interference between Human MUC15 and analogues was observed.
Sequence Length	361
Samples	Serum, plasma, tissue homogenates, Cell lysates
Assay Type	Sandwich
Detection Range	125 pg/ml-8000 pg/ml
Sensitivity	31.25 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MUC15 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for MUC15 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MUC15 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MUC15 is added to the wells. After washing, avidin 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 MUC15 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	205360923
NCBI GeneID	143662
NCBI Accession #	NP_001128563.1
NCBI GenBank Nucleotide #	NM_001135091.1
UniProt Accession #	Q8N387; Q6UWS3; Q8IXI8; Q8WW41; B3KY00; E9PII6; F8W945
Molecular Weight	36,294 Da
NCBI Official Full Name	mucin-15 isoform a
NCBI Official Synonym Full Names	mucin 15, cell surface associated
NCBI Official Symbol	MUC15
NCBI Official Synonym Symbols	PAS3; MUC-15; PASIII
NCBI Protein Information	mucin-15
UniProt Protein Name	Mucin-15
UniProt Gene Name	MUC15
UniProt Synonym Gene Names	UNQ750/PRO1481; MUC-15
UniProt Entry Name	MUC15_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/muc15-human-elisa-kits/mucin-15-cell-surface-associated/112538>