

Human Mucin-20 (MUC20) ELISA Kit | MUC20 elisa kit

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CATALOG #
AAA331619

REACTIVITY
Human

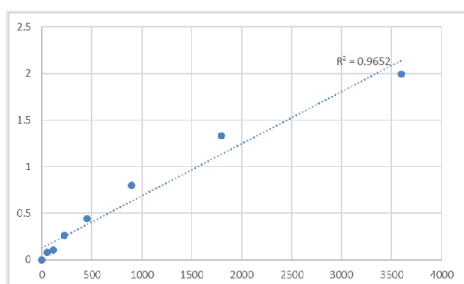
PRODUCT SYNONYMS

Mucin-20 (MUC20); Human Mucin-20 (MUC20) ELISA Kit; MUC20; FLJ14408; FLJ53153; KIAA1359; mucin 20; transmembrane mucin MUC20S; MUC20 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Mucin-20 (MUC20) ELISA Kit has high sensitivity and excellent specificity for detection of Human MUC20. No significant cross-reactivity or interference between Human MUC20 and analogues was observed.
Sequence Length	709
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-20 (MUC20) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for MUC20 elisa kit	Description: This Human Mucin-20 (MUC20) ELISA Kit employs a two-site sandwich ELISA to quantitate MUC20 in samples. An antibody specific for MUC20 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MUC20 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MUC20 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 MUC20 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: MUC20 encodes a member of the mucin protein family. Mucins are high molecular weight glycoproteins secreted by many epithelial tissues to form an insoluble mucous barrier. The C-terminus of this family member associates with the multifunctional docking site of the MET proto-oncogene and suppresses activation of some downstream MET signaling cascades. The protein features a mucin tandem repeat domain that varies between two and six copies in most individuals. Multiple variants encoding different isoforms have been found for MUC20. A related pseudogene, which is also located on chromosome 3, has been identified.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	317373415
NCBI GeneID	200958
UniProt Accession #	Q8N307
NCBI Official Full Name	Mucin-20
NCBI Official Synonym Full Names	mucin 20, cell surface associated
NCBI Official Symbol	MUC20
NCBI Official Synonym Symbols	MUC-20
NCBI Protein Information	mucin-20
UniProt Protein Name	Mucin-20
UniProt Gene Name	MUC20
UniProt Synonym Gene Names	KIAA1359; MUC-20
UniProt Entry Name	MUC20_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/mucin-20-muc20/331619>