

Human mucin 7, secreted ELISA Kit | MUC7 elisa kit

Human Mucin-7, MUC7 ELISA Kit

CATALOG #
AAA15543

REACTIVITY
Human

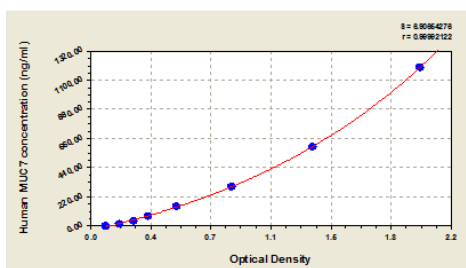
PRODUCT SYNONYMS

mucin 7; secreted; Human Mucin-7; MUC7 ELISA Kit; DKFZp686J03256; FLJ27047; MG2; MGC34772; salivary; MUC7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human MUC7. No significant cross-reactivity or interference between human MUC7 and analogues was observed.
Sequence Length	377
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, cell lysates, saliva
Detection Range	18.75 ng/ml-1200 ng/ml
Sensitivity	< 4.68 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
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 MUC7 elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for MUC7 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MUC7 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MUC7 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 MUC7 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	222418647
NCBI GeneID	4589
NCBI Accession #	NP_001138478.1
NCBI GenBank Nucleotide #	NM_001145006.1
UniProt Accession #	Q8TAX7; Q9UCD7; Q9UCD8
Molecular Weight	39,159 Da
NCBI Official Full Name	mucin-7
NCBI Official Synonym Full Names	mucin 7, secreted
NCBI Official Symbol	MUC7
NCBI Official Synonym Symbols	MG2
NCBI Protein Information	mucin-7; MUC-7; apo-MG2; salivary mucin-7; mucin 7, salivary
UniProt Protein Name	Mucin-7
UniProt Gene Name	MUC7
UniProt Synonym Gene Names	MG2; MUC-7
UniProt Entry Name	MUC7_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/muc7-human-elisa-kits/mucin-7-secreted/15543>