

Human Mucin-13 (MUC13) ELISA Kit | MUC13 elisa kit

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CATALOG #
AAA331625

REACTIVITY
Human

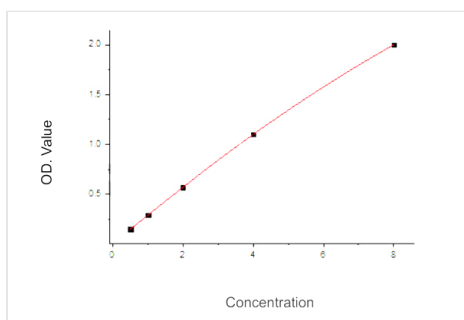
PRODUCT SYNONYMS

Mucin-13 (MUC13); Human Mucin-13 (MUC13) ELISA Kit; MUC13; DRCC1; FLJ20063; down-regulated in colon cancer 1; mucin 13; epithelial transmembrane; MUC13 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Mucin-13 (MUC13) ELISA Ki has high sensitivity and excellent specificity for detection of Human MUC13. No significant cross-reactivity or interference between Human MUC13 and analogues was observed.
Sequence Length	512
Assay Type	Sandwich
Samples	Human serum, cell culture supernates and other biological fluids
Detection Range	0.5 ng/ml - 8 ng/ml
Sensitivity	< 0.05ng/ml
Intra-assay Precision	Four samples of known concentration were tested twenty times on one plate to assess intra-assay precision. The CV (%)?9%.
Inter-assay Precision	Three samples of known concentration were tested in twenty separate assays to assess inter-assay precision. Assays were performed by at least three technicians using two lots of components. The CV (%)?11%.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MUC13 elisa kit	Background: Epithelial mucins, such as MUC13, are a family of secreted and cell surface glycoproteins expressed by ductal and glandular epithelial tissues. Principle of the Assay: Human Mucin-13 (MUC13) ELISA Ki employs a two-site sandwich ELISA to quantitate MUC13 in samples. An antibody specific for MUC13 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MUC13 present is bound by the immobilized antibody. After removing any unbound substances, HRP-Conjugated Human MUC13 detection antibody is added to the wells. Following a wash to remove any unbound HRP reagent, a Chromogen solution is added to the wells and color develops in proportion to the amount of MUC13 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 #	308736985
NCBI GeneID	56667
NCBI Accession #	NP_149038.3
NCBI GenBank Nucleotide #	NP_149038.3
UniProt Accession #	Q9H3R2
NCBI Official Full Name	mucin-13
NCBI Official Synonym Full Names	mucin 13, cell surface associated
NCBI Official Symbol	MUC13
NCBI Official Synonym Symbols	DRCC1; MUC-13
NCBI Protein Information	mucin-13
UniProt Protein Name	Mucin-13
UniProt Gene Name	MUC13
UniProt Synonym Gene Names	DRCC1; RECC; MUC-13
UniProt Entry Name	MUC13_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.