

Human mucin 16, cell surface associated ELISA Kit | CA125 elisa kit

Human Carbonhydrate Antigen 125, CA125 ELISA Kit

CATALOG #
AAA112763

REACTIVITY
Human

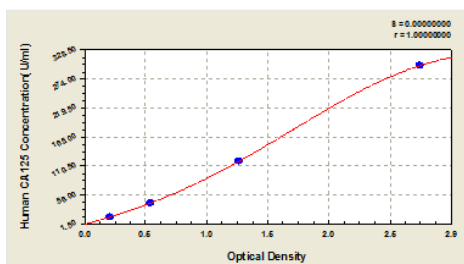
PRODUCT SYNONYMS

mucin 16; cell surface associated; Human Carbonhydrate Antigen 125; CA125 ELISA Kit; Human Carbonhydrate Antigen 125 (CA125) ELISA Kit; CA125; FLJ14303; CA125 ovarian cancer antigen; Human Carbonhydrate Antigen 125 (CA125); CA125 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human MUC16. No significant cross-reactivity or interference between Human MUC16 and analogues was observed.
Sequence Length	22,152
Samples	Serum, plasma
Assay Type	Sandwich
Detection Range	15U/ml-300U/ml
Sensitivity	3.8 U/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
Protein Biological Process 1	Tumor marker
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 CA125 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CA125 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells with a Horseradish Peroxidase (HRP) conjugated antibody specific for CA125. Following a wash to remove any unbound reagent, a substrate solution is added to the wells and color develops in proportion to the amount of CA125 bound in the initial step. The color development is stopped and the intensity of the color is measured.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	83367077
NCBI GeneID	94025
NCBI Accession #	NP_078966.2
NCBI GenBank Nucleotide #	NM_024690.2
UniProt Accession #	Q8WXI7; Q6ZQW5; Q96RK2
Molecular Weight	2,353,428 Da
NCBI Official Full Name	mucin-16
NCBI Official Synonym Full Names	mucin 16, cell surface associated
NCBI Official Symbol	MUC16
NCBI Official Synonym Symbols	CA125
NCBI Protein Information	mucin-16; CA-125; MUC-16; CA125 ovarian cancer antigen; ovarian carcinoma antigen CA125; ovarian cancer-related tumor marker CA125
UniProt Protein Name	Mucin-16
UniProt Gene Name	MUC16
UniProt Synonym Gene Names	CA125; MUC-16; CA-125
UniProt Entry Name	MUC16_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/ca125-human-elisa-kits/mucin-16-cell-surface-associated/112763>