

Human MUC4 (Mucin 4) CLIA Kit | MUC4 clia kit

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CATALOG #
AAA170909

REACTIVITY
Human

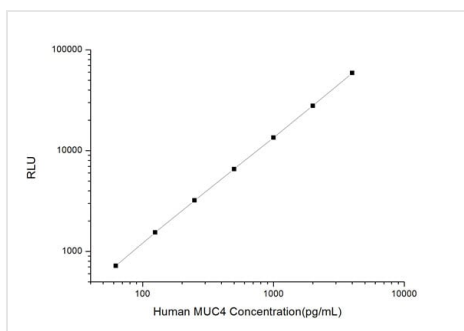
PRODUCT SYNONYMS

MUC4 (Mucin 4); Human MUC4 (Mucin 4) CLIA Kit; MUC4 clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant MUC4. No significant cross-reactivity or interference between MUC4 and analogues was observed.
Sequence Length	88
Assay Type	Sandwich
Detection Range	62.5-4000pg/mL
Sensitivity	Min: 37.5pg/mL; Max: 4000pg/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MUC4 clia kit

Intended Uses: This CLIA kit applies to the in vitro quantitative determination of MUC4 concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This kit uses Sandwich-CLIA as the method. The micro CLIA plate provided in this kit has been pre-coated with an antibody specific to MUC4. Standards or samples are added to the appropriate micro CLIA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for MUC4 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain MUC4, biotinylated detection antibody and Avidin-HRP conjugate will appear fluorescence. The Relative light unit (RLU) value is measured spectrophotometrically by the Chemiluminescence immunoassay analyzer. The RLU value is positively associated with the concentration of MUC4. You can calculate the concentration of MUC4 in the samples by comparing the RLU value of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	3551823
NCBI GeneID	4585
Molecular Weight	206,605 Da
NCBI Official Full Name	mucin 4, partial
NCBI Official Synonym Full Names	mucin 4, cell surface associated
NCBI Official Symbol	MUC4
NCBI Official Synonym Symbols	ASGP; MUC-4; HSA276359
NCBI Protein Information	mucin-4
UniProt Protein Name	Mucin-4
UniProt Gene Name	MUC4
UniProt Synonym Gene Names	MUC-4; ASGP; ASGP-1; ASGP-2
UniProt Entry Name	MUC4_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-clia-kits/muc4-mucin-4/170909>