

Human MUC2 (Mucin 2) CLIA Kit | MUC2 clia kit

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CATALOG #
AAA170874

REACTIVITY
Human

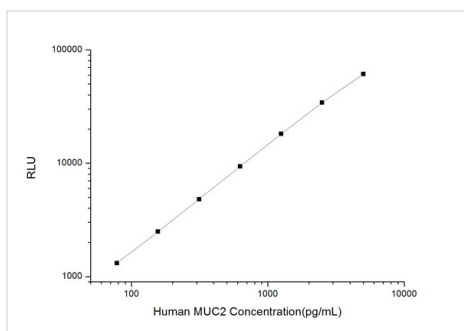
PRODUCT SYNONYMS

MUC2 (Mucin 2); Human MUC2 (Mucin 2) CLIA Kit; MLP; MUC-2; SMUC; MUC2 clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant MUC2. No significant cross-reactivity or interference between MUC2 and analogues was observed.
Sequence Length	3649
Assay Type	Sandwich
Detection Range	78.125-5000pg/mL
Sensitivity	Min: 46.875pg/mL; Max: 5000pg/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MUC2 clia kit

Intended Uses: This CLIA kit applies to the in vitro quantitative determination of MUC2 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 MUC2. 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 MUC2 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 MUC2, 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 MUC2. You can calculate the concentration of MUC2 in the samples by comparing the RLU value of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	443934758
Molecular Weight	388,031 Da
NCBI Official Full Name	mucin 2
UniProt Protein Name	Mucin 2
UniProt Entry Name	L7XFH1_CHICK

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/muc2-mucin-2/170874>