

Rabbit Mucin-5B ELISA Kit | MUC5B elisa kit

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CATALOG #
AAA96282

REACTIVITY
Rabbit

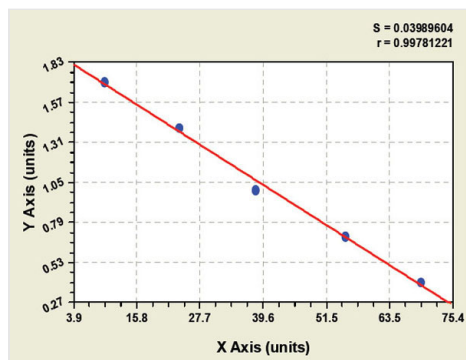
PRODUCT SYNONYMS

Mucin-5B; Rabbit Mucin-5B ELISA Kit; MUC5B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Intended Uses	This MUC5B ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit MUC5B. This ELISA kit for research use only, not for therapeutic applications
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Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MUC5B elisa kit

Principle of the Assay: MUC5B ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-MUC5B antibody and an MUC5B-HRP conjugate. The assay sample and buffer are incubated together with MUC5B-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the MUC5B concentration since MUC5B from samples and MUC5B-HRP conjugate compete for the anti-MUC5B antibody binding site. Since the number of sites is limited, as more sites are occupied by MUC5B from the sample, fewer sites are left to bind MUC5B-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The MUC5B concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	496024777
NCBI Accession #	WP_008749284.1
NCBI GenBank Nucleotide #	WP_008749284.1
Molecular Weight	54,821 Da
NCBI Official Full Name	mucin-5B
UniProt Protein Name	Mucin-5B
UniProt Entry Name	B5GKD3_STRSH

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://www.aaabiotech.com/muc5b-rabbit-elisa-kits/mucin-5b/96282>