

Human Mucin 5 subtype AC ELISA Kit | MUC5AC elisa kit

Human Mucin 5 subtype AC ELISA Kit

CATALOG #
AAA87070

REACTIVITY
Human

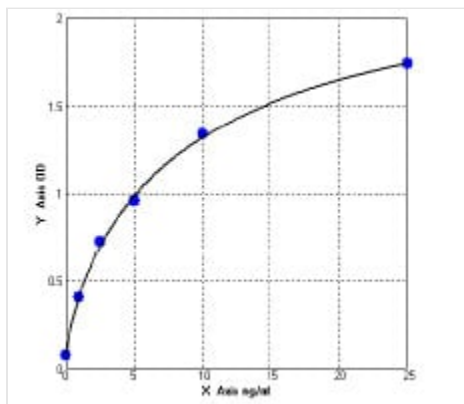
PRODUCT SYNONYMS

Mucin 5 subtype AC; Human Mucin 5 subtype AC ELISA Kit; MUC5AC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Detection Range	1.0-25ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MUC5AC elisa kit	Intended Uses: This MUC5AC ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human MUC5AC. This ELISA kit for research use only! Principle of the Assay: MUC5AC ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for MUC5AC. Standards or samples are then added to the microtiter plate wells and MUC5AC if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of MUC5AC present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for MUC5AC are added to each well to "sandwich" the MUC5AC immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain MUC5AC and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The MUC5AC concentration in each sample is interpolated from this standard curve.
Product Categories/Family for MUC5AC elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	15026993
Molecular Weight	6,501 Da
NCBI Official Full Name	MUC5AC protein, partial
UniProt Protein Name	MUC5AC protein
UniProt Gene Name	MUC5AC
UniProt Entry Name	Q96DU6_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/muc5ac-human-elisa-kits/mucin-5-subtype-ac/87070>