

Rat MUC5AC (Mucin 5 Subtype AC) ELISA Kit | MUC5AC elisa kit

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CATALOG #
AAA271163

REACTIVITY
Rat

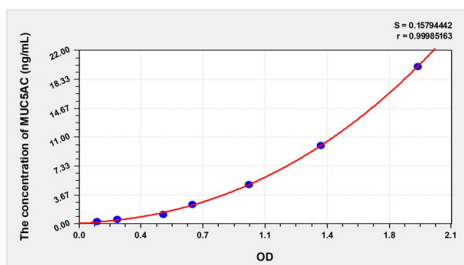
PRODUCT SYNONYMS

MUC5AC (Mucin 5 Subtype AC); Rat MUC5AC (Mucin 5 Subtype AC) ELISA Kit; TBM; MUC5; LeB; Oligomeric Mucus/Gel-Forming; Mucin 5; Subtypes A And C; Tracheobronchial/Gastric; Gastric mucin; Lewis B blood group antigen; Major airway glycoprotein; MUC5AC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	tissue homogenates, cell lysates and other biological fluids
Assay Type	Sandwich
Detection Range	0.32-20 ng/mL
Sensitivity	0.116 ng/mL
Intra-assay Precision	CV%<8%
Inter-assay Precision	CV%<10%
Preparation and Storage	Store at 2-8 degree C. Stable for 6 months from date of receipt.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MUC5AC elisa kit

Principle of the assay: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Mucin 5 Subtype AC(MUC5AC). Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mucin 5 Subtype AC(MUC5AC). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Mucin 5 Subtype AC(MUC5AC), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Mucin 5 Subtype AC(MUC5AC) in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for MUC5AC elisa kit

[Tumor immunity](#); [Infection immunity](#); [Endocrinology](#); [Pulmonology](#)

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/rat-elisa-kits/muc5ac-mucin-5-subtype-ac/271163>