

Mouse MUC5B (Mucin 5 Subtype B) ELISA Kit | MUC5B elisa kit

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CATALOG #
AAA270005

REACTIVITY
Mouse

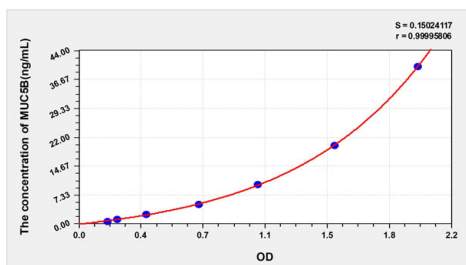
PRODUCT SYNONYMS

MUC5B (Mucin 5 Subtype B); Mouse MUC5B (Mucin 5 Subtype B) ELISA Kit; MUC5-B; MUC9; MG1; Oligomeric Mucus/Gel-Forming; Mucin 5; Subtype B; Tracheobronchial; Cervical mucin; High molecular weight salivary mucin MG1; Sublingual gland mucin; MUC5B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Assay Type	Sandwich
Detection Range	0.63-40 ng/mL
Sensitivity	0.239 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 MUC5B 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 B(MUC5B). Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mucin 5 Subtype B(MUC5B). 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 B(MUC5B), 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 $\pm$ 10nm. The concentration of Mucin 5 Subtype B(MUC5B) in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for MUC5B elisa kit

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

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/mouse-elisa-kits/muc5b-mucin-5-subtype-b/270005>