

Human MUC4 (Mucin 4) ELISA Kit | MUC4 elisa kit

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CATALOG #
AAA270350

REACTIVITY
Human

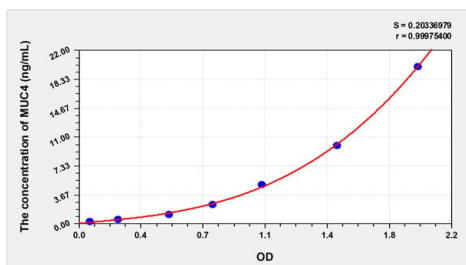
PRODUCT SYNONYMS

MUC4 (Mucin 4); Human MUC4 (Mucin 4) ELISA Kit; ASGP; Mucin 4 Cell Surface Associated; Mucin 4; Tracheobronchial; Testis mucin; Ascites sialoglycoprotein; Pancreatic adenocarcinoma mucin; MUC4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, tissue homogenates and other biological fluids
Assay Type	Sandwich
Detection Range	0.32-20 ng/mL
Sensitivity	0.131 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 MUC4 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 4(MUC4). Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mucin 4(MUC4). 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 4(MUC4), 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 4(MUC4) in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for MUC4 elisa kit

Tumor immunity; Infection immunity; 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://stage.aaabiotech.com/human-elisa-kits/muc4-mucin-4/270350>