

Rat Mucin-4 ELISA Kit | Muc4 elisa kit

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CATALOG #
AAA195460

REACTIVITY
Rat

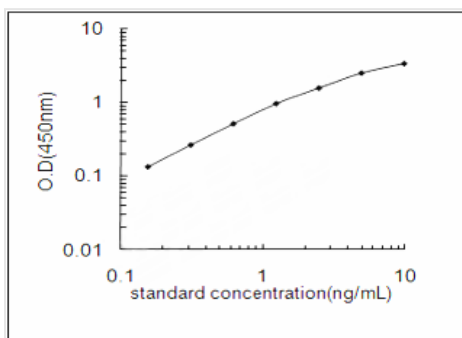
PRODUCT SYNONYMS

Mucin-4; Rat Mucin-4 ELISA Kit; MUC-4; Ascites sialoglycoprotein; ASGP; Pancreatic adenocarcinoma mucin; Pre-sialomucin complex; pSMC; Sialomucin complex; Testis mucin; Muc4; Smc; Muc4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	Recombinant and natural Rat Mucin-4,MUC-4
Sequence Length	2344
Assay Type	Sandwich
Detection Range	0.156-10 ng/mL
Sensitivity	0.084 ng/mL
Intra-Assay CV	<=5.3%
Inter-Assay CV	<=7.8%
Recovery	92%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Muc4 elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	125952521
UniProt Accession #	Q63661; Q63655; Q63657; Q63659; Q9JIC4
Molecular Weight	248,041 Da
NCBI Official Full Name	Mucin-4
UniProt Protein Name	Mucin-4
UniProt Gene Name	Muc4
UniProt Synonym Gene Names	Smc; MUC-4; ASGP; pSMC; ASGP-1; ASGP-2
UniProt Entry Name	MUC4_RAT

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.