

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

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CATALOG #
AAA217230

REACTIVITY
Rat

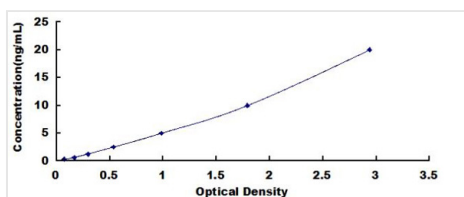
PRODUCT SYNONYMS

Mucin 5 Subtype AC (MUC5AC); Rat Mucin 5 Subtype AC (MUC5AC) 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 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	1851
Assay Type	Sandwich
Samples	Tissue Homogenates, Cell Lysates or Other Biological Fluids.
Detection Range	0.312-20ng/mL
Sensitivity	0.115ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MUC5AC rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to MUC5AC. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to 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 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 $\pm$ 10nm. The concentration of MUC5AC in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	81872520
NCBI GeneID	682837
UniProt Accession #	Q9ESP3
Molecular Weight	199,405 Da
NCBI Official Full Name	Mucin
NCBI Official Synonym Full Names	mucin 5AC, oligomeric mucus/gel-forming
NCBI Official Symbol	Muc5ac
NCBI Protein Information	LOW QUALITY PROTEIN: mucin-5AC; mucin 5, subtypes A and C
UniProt Protein Name	Mucin
UniProt Gene Name	Muc5AC

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-rtu-elisa-kits/mucin-5-subtype-ac-muc5ac/217230>