

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

Rat Mucin-5 subtype AC, MUC5AC ELISA Kit

CATALOG #
AAA80897

REACTIVITY
Rat

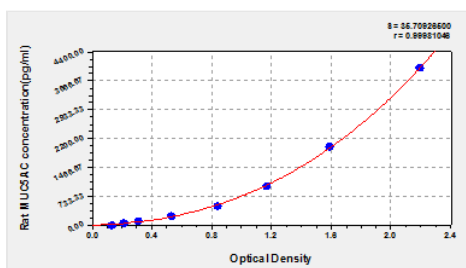
PRODUCT SYNONYMS

Mucin-5 subtype AC (MUC5AC); Rat Mucin-5 subtype AC; MUC5AC ELISA Kit; Rat Mucin-5 subtype AC (MUC5AC) ELISA Kit; MUC5AC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse MUC5AC. No significant cross-reactivity or interference between mouse MUC5AC and analogues was observed.
Sequence Length	67
Samples	Serum, Plasma, Cell Culture Supernates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	4.688 ng/ml-300 ng/ml
Sensitivity	1.172 ng/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MUC5AC elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for MUC5AC has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MUC5AC present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MUC5AC is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of MUC5AC bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	15026993
UniProt Accession #	Q96DU6
Molecular Weight	6,501 Da
NCBI Official Full Name	MUC5AC protein, partial
UniProt Protein Name	MUC5AC protein
UniProt Gene Name	MUC5AC
UniProt Entry Name	Q96DU6_HUMAN

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/mucin-5-subtype-ac-muc5ac/80897>