

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

Rat Mucin 5 Subtype B (MUC5B) ELISA Kit

CATALOG #
AAA183799

REACTIVITY
Rat

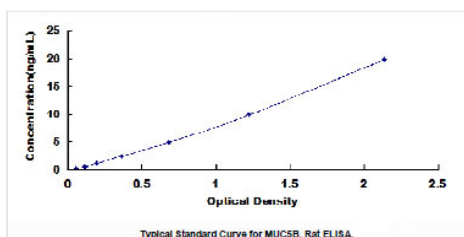
PRODUCT SYNONYMS

Mucin 5 Subtype B (MUC5B); Rat Mucin 5 Subtype B (MUC5B) 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	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of MUC5B. No significant cross-reactivity or interference between MUC5B and analogues was observed.
Samples	rat tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	0.312-20ng/mL
Sensitivity	<0.113ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level MUC5B were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level MUC5B were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MUC5B elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of MUC5B in rat tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
References	Tracheal acid or surfactant instillation raises alveolar surface tension; J Appl Physiol (1985); 2018 Nov 1;125(5):1357-1367.; PMID: 29771610 ; TL Nguyen; Department of Biomedical Engineering, Stevens Institute of Technology , Hoboken, New Jersey.

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/mucin-5-subtype-b-muc5b/183799>