Mucin-5 Subtype Ac (MUC5AC) ELISA Kit for Human

PRODUCT OVERVIEW

Product Name	Mucin-5 Subtype Ac (MUC5AC), ELISA Kit
Full Product Name	Human Mucin-5 Subtype Ac ELISA Kit
Product Gene Name	MUC5AC elisa kit
Species Reactivity	Human
Assay Type	Quantitative Sandwich
Detection Range	6.25ng/ml-200ng/ml
Sensitivity	1.0ng/ml
Specificity	No significant cross-reactivity or interference between Human MUC5AC and analogues was observed.
Preparation and Storage	Store all reagents at 2-8 degree C
Inter-assay Precision	Inter-assay CV (%) is less than 15%. [CV(%) = SD/mean ×100]. All CV% should be compared by concentration, not compared by OD values.
Intra-assay Precision	Intra-assay CV (%) is less than 15%.
Related Product Information for MUC5AC elisa kit	Background: This Quantitative Sandwich ELISA kit is for lab reagent/research use only, not for drug, household, therapeutic or test applications! This kit is intended to be used to determine the level of MUC5AC (hereafter termed "analyte") in undiluted original Human serum, plasma or tissue homogenates samples. For other sample types please contact tech support to determine compatibility with this assay. This kit is not suitable for assaying non-biological sources of substances.
Other Notes	Small volumes of MUC5AC elisa kit vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for MUC5AC purchase	MBS020119 is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Mucin-5 Subtype Ac (MUC5AC) ELISA Kit target analytes in biological samples. The concentration gradients of the kit standards or positive controls render a theoretical kit detection range in biological research samples containing MUC5AC. The ELISA analytical biochemical technique of the MBS020119 kit is based on MUC5AC antibody-MUC5AC antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect MUC5AC antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, MUC5AC. Appropriate sample types may include undiluted body fluids and/or tissue homogenates, secretions. Quality control assays assessing reproducibility identified the intra-assay CV (%) and inter-assay CV(%).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MUC5AC. It may not necessarily be applicable to this product.

NCBI GI #	15026993
NCBI Accession #	CAC44892.1
NCBI Official Full Name	MUC5AC protein
Protein Family	Mucin
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