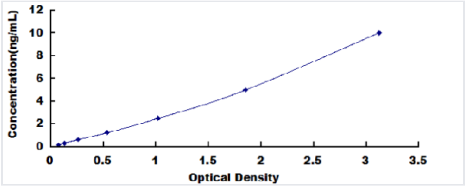
Mucin 21 (MUC21) ELISA Kit for Human

PRODUCT OVERVIEW

Product Name	Mucin 21 (MUC21), ELISA Kit
Full Product Name	Human Mucin 21 (MUC21) ELISA Kit
Product Gene Name	MUC21 elisa kit
Product Synonym Names	C6orf205,Epiglycanin
Species Reactivity	Human
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.056ng/mL
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.
Molecular Weight	40,331 Da
OMIM	AK298642 mRNA
3D Structure	ModBase 3D Structure for Q5SSG8
Intra Assay	CV<10%
Inter Assay	CV<12%
ISO Certification	Manufactured in an ISO 13485:2003 and EN ISO 13485:2012 Certified Laboratory.
Related Product Information for MUC21 elisa kit	MBS451715 is a ready-to-use microwell, strip-or-full plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Mucin 21 (MUC21) 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 MUC21. The ELISA analytical biochemical technique of the MBS451715 kit is based on MUC21 antibody-MUC21 antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect MUC21 antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, MUC21. 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(%).
Other Notes	Small volumes of MUC21 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.



Typical Testing Data/Standard Curve (for reference only) of MUC21 elisa kit

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MUC21. It may not necessarily be applicable to this product.

NCBI GI #	161016767
NCBI GeneID	394263
NCBI Accession #	NP_001010909.2
UniProt Primary Accession #	Q5SSG8
UniProt Secondary Accession #	Q0VGF1; Q3B7T2; Q5SS94; Q6UXC5; B0UZT7; B4DQ55; C9JMK2; D9N007
UniProt Related Accession #	Q5SSG8
GenBank Nucleotide #	NM_001010909.3
NCBI Official Full Name	mucin-21 isoform 1
NCBI Official Synonym Full Names	mucin 21, cell surface associated
NCBI Official Symbol	MUC21
NCBI Official Synonym Symbols	MUC-21; KMQK697; C6orf205
UniProt Protein Name	Mucin-21
UniProt Synonym Protein Names	Epiglycanin
Protein Family	Mucin
UniProt Gene Name	MUC21
UniProt Synonym Gene Names	C6orf205; MUC-21
NCBI Protein Information	mucin-21
Research Articles on MUC21	**1.** Mucin 21/epiglycanin modulates cell adhesion
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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Online datasheet: https://www.mybiosource.com/human-elisa-kits/mucin-21-muc21/451715