Complement Component 1, Q Subcomponent, B Chain (C1QB) ELISA Kit for Bovine

PRODUCT OVERVIEW

Product Name	complement component 1, q subcomponent, B chain (C1QB), ELISA Kit
Full Product Name	Bovine Complement C1q subcomponent subunit B, C1QB ELISA Kit
Product Gene Name	C1QB elisa kit
Product Synonym Names	Bovine Complement C1q subcomponent subunit B (C1QB) ELISA kit; complement component 1; q subcomponent; beta polypeptide; complement component C1q; B chain; complement subcomponent C1q chain B; complement component 1; q subcomponent; B chain
Species Reactivity	Bovine
Assay Type	Sandwich
Samples	Serum, Plasma and Tissue Homogenate
Detection Range	31.2 mug/ml - 1000 mug/ml.
Sensitivity	5.0 mug/ml.
Specificity	No significant cross-reactivity or interference between this analyte and analogues is 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].
Intra-assay Precision	Intra-assay CV (%) is less than 15%.
Molecular Weight	26,399 Da
3D Structure	ModBase 3D Structure for Q2KIV9
Related Product Information for C1QB elisa kit	Background/Introduction: This Quantitative Sandwich ELISA kit is only for in vitro research use only! This kit is intended to be used for determination the level of C1QB (hereafter termed this analyte) in undiluted original Bovine serum, plasma and tissue homogenate samples.
Other Notes	Small volumes of C1QB 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 C1QB purchase	MBS9341293 is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the complement component 1, q subcomponent, B chain (C1QB) 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 C1QB. The ELISA analytical biochemical technique of the MBS9341293 kit is based on C1QB antibody-C1QB antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect C1QB antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, C1QB. 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 C1QB. It may not necessarily be applicable to this product.

NCBI GI #	114051157
NCBI GeneID	617435
NCBI Accession #	NP_001040064.1

UniProt Primary Accession #	Q2KIV9
UniProt Related Accession #	Q2KIV9
GenBank Nucleotide #	NM_001046599.2
NCBI Official Full Name	complement C1q subcomponent subunit B
NCBI Official Synonym Full Names	complement component 1, q subcomponent, B chain<
NCBI Official Symbol	C1QB
UniProt Protein Name	Complement C1q subcomponent subunit B
Protein Family	Complement C1q subcomponent
UniProt Gene Name	C1QB
UniProt Entry Name	C1QB_BOVIN
NCBI Protein Information	complement C1q subcomponent subunit B
UniProt Comments for C1QB	**Function:** C1q associates with the proenzymes C1r and C1s to yield C1, the first component of the serum complement system. The collagen-like regions of C1q interact with the Ca2+-dependent C1r2C1s2 proenzyme complex, and efficient activation of C1 takes place on interaction of the globular heads of C1q with the Fc regions of IgG or IgM antibody present in immune complexes
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.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
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.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/c1qb-bovine-elisa-kits/complement-component-1-q-subcomponent-b-chain/9341293