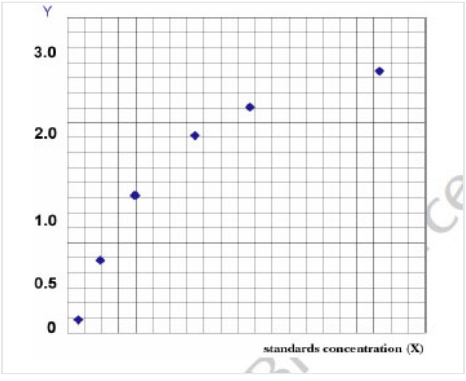
Complement 4 (C4) ELISA Kit for Human

PRODUCT OVERVIEW

Product Name	Complement 4 (C4), ELISA Kit
Full Product Name	Human Complement 4 ELISA Kit
Product Gene Name	C4 elisa kit
Species Reactivity	Human
Assay Type	Competitive or Sandwich
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Detection Range	5.0-100ng/mL
Sensitivity	1.0ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.
Sample Preparation	We suggest pre-experimenting with neat (undiluted) samples, 1:2 or 1:4 dilutions. Please avoid diluting your samples more than 1:10 as it would exceed the dilution limit set for this kit. If the expected concentration of the target is beyond the detection range of the kit, please contact our technical support team
Highest Standards	100ng/mL
Concentration of Standards	Concentration of Standards||0,5,10,25,50,100ng/mL
Product Categories/Family for C4 elisa kit	Immunology
ISO Certification	Manufactured in an ISO 13485:2016 Certified Laboratory.
Related Product Information for C4 elisa kit	MBS733755 is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Complement 4 (C4) 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 C4. The ELISA analytical biochemical technique of the MBS733755 kit is based on C4 antibody-C4 antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect C4 antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, C4. 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 C4 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 C4 elisa kit

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for C4. It may not necessarily be applicable to this product.

NCBI GI #	116175422
NCBI GeneID	426611
NCBI Accession #	NP_001070701.1
GenBank Nucleotide #	NM_001077233.1
NCBI Official Full Name	complement 4
NCBI Official Synonym Full Names	complement 4
NCBI Official Symbol	C4
NCBI Official Synonym Symbols	C4-2
Protein Family	Complement C4
NCBI Protein Information	complement 4; complement C4; MHC-linked complement C4
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/c4-human-elisa-kits/complement-4/733755