Cluster of Differentiation 3 (CD3) ELISA Kit for Human

PRODUCT OVERVIEW

Product Name	Cluster of differentiation 3 (CD3), ELISA Kit
Full Product Name	Human Cluster of differentiation 3 ELISA Kit
Product Gene Name	CD3 elisa kit
Species Reactivity	Human
Assay Type	Competitive
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Detection Range	2.5-50ng/mL
Sensitivity	1.0ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.
Molecular Weight	18,897 Da
3D Structure	ModBase 3D Structure for P79951
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
Product Categories/Family for CD3 elisa kit	Immunology
ISO Certification	Manufactured in an ISO 13485:2016 Certified Laboratory.
Related Product Information for CD3 elisa kit	MBS729212 is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Cluster of differentiation 3 (CD3) 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 CD3. The ELISA analytical biochemical technique of the MBS729212 kit is based on CD3 antibody-CD3 antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect CD3 antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, CD3. 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 CD3 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.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CD3. It may not necessarily be applicable to this product.

NCBI GI #	1914807
NCBI Accession #	CAA72995.1
UniProt Primary Accession #	P79951
UniProt Secondary Accession #	O13176
NCBI Official Full Name	cd3
UniProt Protein Name	CD3gamma/delta

UniProt Synonym Protein Names	CD3gamma/delta; Cd3 protein; T-cell surface glycoprotein CD3 gamma/delta chain homolog
UniProt Gene Name	cd3g
UniProt Synonym Gene Names	cd3; cd3g-a
UniProt Entry Name	P79951_XENLA
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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Online datasheet: https://www.mybiosource.com/cd3-human-elisa-kits/cluster-of-differentiation-3/729212