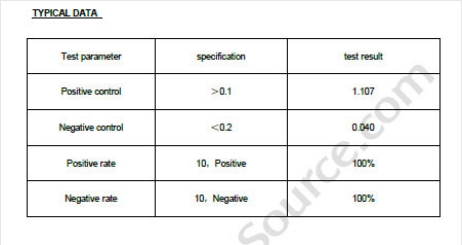
Cytotoxin-Associated Protein (Caga) Antibody (IgG) (CagA) ELISA Kit for Human

PRODUCT OVERVIEW

Product Name	cytotoxin-associated protein (CagA) antibody (IgG), ELISA Kit
Full Product Name	Human cytotoxin-associated protein (CagA) antibody, IgG ELISA Kit
Product Gene Name	CagA elisa kit
Product Synonym Names	Human cytotoxin-associated protein (CagA) antibody (IgG) ELISA kit; cytotoxin-associated protein (CagA) antibody (IgG)
Species Reactivity	Human
Samples	Serum
Specificity	This assay has high sensitivity and excellent specificity for detection of human cytotoxin- associated protein (CagA) antibody (IgG). No significant cross-reactivity or interference between human cytotoxin- associated protein (CagA) antibody (IgG) and analogues was observed.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<15%. Three samples of known concentration were tested in twenty assays to assess.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<15%. Three samples of known concentration were tested twenty times on one plate to assess.
Molecular Weight	20,801 Da
3D Structure	ModBase 3D Structure for A2RH63
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for CagA elisa kit	**Principle of the assay:** This assay employs the qualitative enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with antigen. Samples are pipetted into the wells with anti-human IgG conjugated Horseradish Peroxidase (HRP). Any antibodies specific for the antigen present will bind to the pre-coated antigen. Following a wash to remove any unbound reagent, a substrate solution is added to the wells and color develops in proportion to the amount of human cytotoxin-associated protein (CagA) antibody (IgG) bound in the initial step. The color development is stopped and the intensity of the color is measured.
Other Notes	Small volumes of CagA 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 CagA purchase	MBS940585 is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the cytotoxin-associated protein (CagA) antibody (IgG) 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 CagA. The ELISA analytical biochemical technique of the MBS940585 kit is based on CagA antibody-CagA antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect CagA antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, CagA. 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(%).



TYPICAL DATA

Test parameter	specification	test result
Positive control	>0.1	1.107
Negative control	<0.2	0.040
Positive rate	10, Positive	100%
Negative rate	10, Negative	100%

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

ADDITIONAL DETAILS

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

NCBI GI #	124517141
NCBI Accession #	CAL29809.1
UniProt Primary Accession #	A2RH63
NCBI Official Full Name	cytotoxin-associated protein, partial
UniProt Protein Name	Cytotoxin-associated protein
UniProt Synonym Protein Names	Cytotoxin-associated protein
Protein Family	Antitumor antibiotic C-1027 apoprotein
UniProt Gene Name	cagA
UniProt Entry Name	A2RH63_HELPX
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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