Chlamydia Pneumoniae Antibody (Cpn-IgG) (CPN) ELISA Kit for Human

PRODUCT OVERVIEW

Product Name	Chlamydia pneumoniae antibody (Cpn-IgG), ELISA Kit
Full Product Name	Human Chlamydia pneumoniae (Cpn) antibody, IgG ELISA Kit
Product Gene Name	Cpn elisa kit
Product Synonym Names	Human Chlamydia pneumoniae (Cpn) antibody (IgG) ELISA Kit; Human Chlamydia pneumoniae (Cpn) antibody (IgG)
Species Reactivity	Human
Samples	Serum.
Specificity	This assay has high sensitivity and excellent specificity for detection of human chlamydia pneumoniae (Cpn) antibody (IgG). No significant cross-reactivity or interference between human chlamydia pneumoniae (Cpn) 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.
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Cpn 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 chlamydia pneumoniae (Cpn) 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 Cpn 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 Cpn purchase	MBS705795 is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Chlamydia pneumoniae antibody (Cpn-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 Cpn. The ELISA analytical biochemical technique of the MBS705795 kit is based on Cpn antibody-Cpn antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect Cpn antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, Cpn. 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 Cpn. It may not necessarily be applicable to this product.

Protein Family	Calphotin

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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