

Human Campylobacter jejuni IgA ELISA Kit | IgA elisa kit

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CATALOG #
AAA72667

REACTIVITY
Human

PRODUCT SYNONYMS

Campylobacter jejuni IgA; Campylobacter jejuni IgA ELISA Kit; IgA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	The Campylobacter jejuni IgA, IgG, and IgM ELISA was verified in an internal study. The sensitivity exceeded 99% and the specificity was 83.9%
Samples	Various kinds of samples
Preparation and Storage	2 - 8 degree C

ADDITIONAL INFORMATION

Related Product Information for IgA elisa kit	Intended Uses: The ELISA Campylobacter jejuni IgA, IgG and IgM tests are qualitative immunoassays for the demonstration of human antibody classes IgA, IgG and IgM directed against Campylobacter jejuni. The assays are recommended for the sensitive detection of such antibodies in various kinds of samples. Principle of the Assay: The ELISA (Enzyme Linked Immunosorbent Assay) is an immunoassay, which is particularly suited to the determination of antibodies in the field of infectious serology. The reaction is based on the specific interaction of antibodies with their corresponding antigen. The test strips of the microtiter plate are coated with specific antigens of the pathogen of interest. If antibodies in the sample are present, they bind to the fixed antigen. A secondary antibody, which has been conjugated with the enzyme alkaline phosphatase, detects and binds to the immune complex. The colourless substrate p-nitrophenylphosphate is then converted into the coloured product p-nitrophenol. The signal intensity of this reaction product is proportional to the concentration of the analyte in the sample and is measured photometrically. Background/Introduction: Worldwide there are more than 20 different Campylobacter species. In the industrialised countries Campylobacter jejuni is the second most common cause of intestinal inflammation. The primary reservoirs for the organisms are wild warm blooded animals and farm animals. Campylobacter infections in humans are primarily a result of food contamination, inadequately heated poultry being the primary source of infection. The incubation time is generally between two and seven days. ELISA test-systems are especially suited for the differential analysis of immunoglobulin classes directed against the virus.
Product Categories/Family for IgA elisa kit	Infectious Disease ; Research Assays ; Assay Categories

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.