

Human Chlamydia pneumoniae IgG ELISA Kit | CPn IgG A elisa kit

Human Chlamydia pneumoniae IgG Antibody ELISA Kit

CATALOG #
AAA82638

REACTIVITY
Human

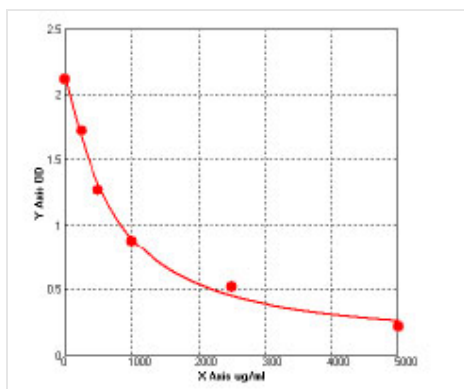
PRODUCT SYNONYMS

Chlamydia pneumoniae IgG; Human Chlamydia pneumoniae IgG Antibody ELISA Kit; Chlamydia pneumoniae IgG Antibody ELISA Kit (Human); CPn IgG A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CPn IgG. No significant cross-reactivity or interference between CPn IgG and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CPn IgG and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 ug/mL
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CPn IgG A elisa kit	Intended Uses: This CPn IgG ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CPn IgG. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: CPn IgG ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-CPn IgG antibody and an CPn IgG-HRP conjugate. The assay sample and buffer are incubated together with CPn IgG-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the CPn IgG concentration since CPn IgG from samples and CPn IgG-HRP conjugate compete for the anti-CPn IgG antibody binding site. Since the number of sites is limited, as more sites are occupied by CPn IgG from the sample, fewer sites are left to bind CPn IgG-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CPn IgG concentration in each sample is interpolated from this standard curve.
Product Categories/Family for CPn IgG A elisa kit	Human ELISA Kit

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/cpn-igg-a-human-elisa-kits/chlamydia-pneumoniae-igg/82638>