**Human Anti-Chlamydia pneumoniae IgG ELISA Kit**

**Overview**

**Product name**
Human Anti-Chlamydia pneumoniae IgG ELISA Kit

**Detection method**
Colorimetric

**Precision**

<table>
<thead>
<tr>
<th>Sample</th>
<th>n</th>
<th>Mean</th>
<th>SD</th>
<th>CV%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pos. Serum</td>
<td>20</td>
<td></td>
<td></td>
<td>7.2%</td>
</tr>
<tr>
<td>Pos. Serum</td>
<td>24</td>
<td></td>
<td></td>
<td>4.3%</td>
</tr>
</tbody>
</table>

**Sample type**
Serum, Hep Plasma, Cit plasma

**Assay type**
Indirect

**Assay duration**
Multiple steps standard assay

**Species reactivity**
Reacts with: Human

**Product overview**
Abcam’s anti-Chlamydia pneumoniae IgG Human *in vitro* ELISA (Enzyme-Linked Immunosorbent Assay) kit is designed for the accurate qualitative measurement of IgG class antibodies against Chlamydia pneumoniae in Human serum and plasma.

A 96-well plate has been precoated with Chlamydia pneumoniae antigens to bind cognate antibodies. Controls or test samples are added to the wells and incubated. Following washing, a horseradish peroxidase (HRP) labelled anti-Human IgG conjugate is added to the wells, which binds to the immobilized Chlamydia pneumoniae-specific antibodies. TMB is then catalyzed by the HRP to produce a blue color product that changes to yellow after adding an acidic stop solution. The density of yellow coloration is directly proportional to the amount of Chlamydia pneumoniae IgG sample captured in plate.
Tested applications
Suitable for: Indirect ELISA

Platform
Microplate

Properties

Storage instructions
Store at +4°C. Please refer to protocols.

Components | Identifier | 1 x 96 tests |
-------------|------------|-------------|
20X Washing Solution | White cap | 1 x 50ml |
Chlamydia pneumoniae (IgG) Coated Microplate (12 x 8 wells) | | 1 unit |
Chlamydia pneumoniae anti-IgG HRP Conjugate | Black cap | 1 x 20ml |
Chlamydia pneumoniae IgG Cut-off Control | Green cap | 1 x 3ml |
Chlamydia pneumoniae IgG Negative Control | Blue cap | 1 x 2ml |
Chlamydia pneumoniae IgG Positive Control | Red cap | 1 x 2ml |
Cover foil | | 1 unit |
IgG Sample Diluent | White cap | 1 x 100ml |
Stop Solution | red cap | 1 x 15ml |
Strip holder | | 1 unit |
TMB Substrate Solution | Yellow cap | 1 x 15ml |

Applications

Our Abpromise guarantee covers the use of ab108721 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<table>
<thead>
<tr>
<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indirect ELISA</td>
<td></td>
<td>Use at an assay dependent concentration.</td>
</tr>
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Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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