Human Anti-Influenza virus A IgG ELISA Kit ab108745

Overview

<table>
<thead>
<tr>
<th>Product name</th>
<th>Human Anti-Influenza virus A IgG ELISA Kit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detection method</td>
<td>Colorimetric</td>
</tr>
<tr>
<td>Precision</td>
<td>Intra-assay</td>
</tr>
<tr>
<td></td>
<td><strong>Sample</strong></td>
</tr>
<tr>
<td>Pos.Serum</td>
<td>20</td>
</tr>
<tr>
<td>Pos.Serum</td>
<td>24</td>
</tr>
<tr>
<td>Inter-assay</td>
<td><strong>Sample</strong></td>
</tr>
<tr>
<td>Pos.Serum</td>
<td>12</td>
</tr>
<tr>
<td>Pos.Serum</td>
<td>12</td>
</tr>
<tr>
<td>Sample type</td>
<td>Serum, Hep Plasma, Cit plasma</td>
</tr>
<tr>
<td>Assay type</td>
<td>Indirect</td>
</tr>
<tr>
<td>Assay duration</td>
<td>Multiple steps standard assay</td>
</tr>
<tr>
<td>Species reactivity</td>
<td>Reacts with: Human</td>
</tr>
</tbody>
</table>

Product overview

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

A 96-well plate has been precoated with Influenza virus A 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 Influenza virus A-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 Influenza virus A IgG sample captured in plate.

Tested applications

Suitable for: Indirect ELISA

Platform

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

<table>
<thead>
<tr>
<th>Components</th>
<th>Identifier</th>
<th>1 x 96 tests</th>
</tr>
</thead>
<tbody>
<tr>
<td>20X Washing Solution</td>
<td>White cap</td>
<td>1 x 50ml</td>
</tr>
<tr>
<td>IgG Sample Diluent</td>
<td>Yellow, White cap</td>
<td>1 x 100ml</td>
</tr>
<tr>
<td>Influenza virus A (IgG) Coated Microplate (12 x 8 wells)</td>
<td></td>
<td>1 unit</td>
</tr>
<tr>
<td>Influenza virus A anti-IgG HRP Conjugate</td>
<td>Blue, Black cap</td>
<td>1 x 20ml</td>
</tr>
<tr>
<td>Influenza virus A IgG Cut-off Control</td>
<td>Yellow, Green cap</td>
<td>1 x 3ml</td>
</tr>
<tr>
<td>Influenza virus A IgG Negative Control</td>
<td>Yellow, Blue cap</td>
<td>1 x 2ml</td>
</tr>
<tr>
<td>Influenza virus A IgG Positive Control</td>
<td>Yellow, Red cap</td>
<td>1 x 2ml</td>
</tr>
<tr>
<td>Stop Solution</td>
<td>red cap</td>
<td>1 x 15ml</td>
</tr>
<tr>
<td>TMB Substrate Solution</td>
<td>Yellow cap</td>
<td>1 x 15ml</td>
</tr>
</tbody>
</table>

Applications

Our Abpromise guarantee covers the use of ab108745 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 dilution.</td>
</tr>
</tbody>
</table>

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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