**Product datasheet**

**Human Anti-Adenovirus IgM ELISA Kit ab108706**

1 **References**

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**Overview**

- **Product name**: Human Anti-Adenovirus IgM ELISA Kit
- **Detection method**: Colorimetric
- **Precision**
  - Intra-assay
    - **Sample**: Serum
      - **n**: 20
      - **Mean**: 11.3%
    - **Inter-assay**
      - **Sample**: Serum
        - **n**: 12
        - **Mean**: 8.3%

- **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-Adenovirus IgM Human in vitro ELISA (Enzyme-Linked Immunosorbent Assay) kit is designed for the accurate qualitative measurement of IgM class antibodies against Adenovirus in Human serum and plasma.

A 96-well plate has been precoated with Adenovirus 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 IgM conjugate is added to the wells, which binds to the immobilized Adenovirus-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 Adenovirus IgM sample captured in plate.

**Tested applications**

- **Suitable for**: Indirect ELISA

**Platform**

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

Components

<table>
<thead>
<tr>
<th>Identifier</th>
<th>1 x 96 tests</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Strip holder</td>
<td>1 unit</td>
</tr>
<tr>
<td>20X Washing Solution</td>
<td>White cap</td>
</tr>
<tr>
<td>Adenovirus (IgM) Coated Microplate (12 x 8 wells)</td>
<td>Black cap</td>
</tr>
<tr>
<td>Adenovirus anti-IgM HRP Conjugate</td>
<td>Green cap</td>
</tr>
<tr>
<td>Adenovirus IgM Cut-off Control</td>
<td>Blue cap</td>
</tr>
<tr>
<td>Adenovirus IgM Negative Control</td>
<td>Red cap</td>
</tr>
<tr>
<td>Adenovirus IgM Positive Control</td>
<td>White cap</td>
</tr>
<tr>
<td>IgM Sample Diluent</td>
<td>1 x 100ml</td>
</tr>
<tr>
<td>Stop Solution</td>
<td>Red cap</td>
</tr>
<tr>
<td>TMB Substrate Solution</td>
<td>Yellow cap</td>
</tr>
</tbody>
</table>

Applications

Our Abpromise guarantee covers the use of ab108706 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>Use at an assay dependent concentration.</td>
<td></td>
</tr>
</tbody>
</table>

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