Product Datasheet

Human Apolipoprotein B/ApoB ELISA Kit (Colorimetric) KA1028

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

Publications: 11

Protocols, Publications, Related Products, Reviews, Research Tools and Images at: www.novusbio.com/KA1028

Updated 4/29/2018 v.20.1

Earn rewards for product reviews and publications.
Submit a publication at www.novusbio.com/publications
Submit a review at www.novusbio.com/reviews/destination/KA1028
# Product Information

<table>
<thead>
<tr>
<th><strong>Unit Size</strong></th>
<th>1 Kit</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Concentration</strong></td>
<td>Concentration is not relevant for this product. Please see the protocols for proper use of this product.</td>
</tr>
<tr>
<td><strong>Storage</strong></td>
<td>Storage of components varies. See protocol for specific instructions.</td>
</tr>
</tbody>
</table>

## Product Description

<table>
<thead>
<tr>
<th><strong>Gene ID</strong></th>
<th>338</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Gene Symbol</strong></td>
<td>APOB</td>
</tr>
<tr>
<td><strong>Species</strong></td>
<td>Human</td>
</tr>
<tr>
<td><strong>Reactivity Notes</strong></td>
<td>Human</td>
</tr>
</tbody>
</table>

### Kit Components

- **Human Apolipoprotein B Microplate:** A 96-well polystyrene microplate coated with a polyclonal antibody against human Apo-B.
- **Sealing Tapes:** Pressure-sensitive sealing tapes that can be cut to fit the format of the individual assay.
- **Biotinylated Human Apolipoprotein B Antibody (50x):** A 50-fold concentrated biotinylated polyclonal antibody against human Apo-B.
- **EIA Diluent Concentrate (10x):** A 10-fold concentrated buffered protein base.
- **Wash Buffer Concentrate (20x):** A 20-fold concentrated buffered surfactant.
- **SP Conjugate (100x):** A 100-fold concentrate.
- **Stop Solution (1x):** A 0.5 N hydrochloric acid solution to stop the chromogen substrate reaction.

## Notes

This product is produced by and distributed for Abnova, a company based in Taiwan.

<table>
<thead>
<tr>
<th><strong>Standard Curve Range</strong></th>
<th>0.008 to 0.250 ug/mL</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Sensitivity</strong></td>
<td>0.008 ug/mL</td>
</tr>
<tr>
<td><strong>Inter Assay CV%</strong></td>
<td>&lt; 7.50%</td>
</tr>
<tr>
<td><strong>Intra Assay CV%</strong></td>
<td>&lt; 5.0%</td>
</tr>
<tr>
<td><strong>Assay Type</strong></td>
<td>Sandwich ELISA</td>
</tr>
<tr>
<td><strong>Spiking Recovery</strong></td>
<td>98%</td>
</tr>
<tr>
<td><strong>Suitable Sample Type</strong></td>
<td>Cell Culture Supernatant, Plasma, Serum</td>
</tr>
<tr>
<td><strong>Sample Volume</strong></td>
<td>50 uL</td>
</tr>
</tbody>
</table>

## Product Application Details

### Applications

- ELISA

### Recommended Dilutions

- ELISA

### Application Notes

APOB (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human APOB in plasma, serum, and cell culture samples.
Images
ELISA: Apolipoprotein B/ApoB ELISA Kit [HRP] [KA1028] - ELISA Kit standard curve.

Publications

Adiloglu AK, Can R, Kinay O, Aridogan BC. Infection with Chlamydia pneumoniae but not Helicobacter pylori is related to elevated apolipoprotein B levels. Acta Cardiol 2005 Dec 01 [PMID: 16385920]


Adiloglu AK, Can R, Kinay O, Aridogan BC. Infection with Chlamydia pneumoniae but not Helicobacter pylori is related to elevated apolipoprotein B levels. Acta Cardiol. 2005 Dec 01 [PMID: 16385920]


Limitations
This product is for research use only and is not approved for use in humans or in clinical diagnosis. ELISA Kits are guaranteed for 6 months from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/KA1028

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications