Product Datasheet

Rat BDNF ELISA Kit
KA0330

Unit Size: 1 Kit
Store at -20 °C.

Publications: 14
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KA0330
Rat BDNF ELISA Kit

**Product Information**

<table>
<thead>
<tr>
<th><strong>Unit Size</strong></th>
<th>1 Kit</th>
</tr>
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<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>Store at -20 °C.</td>
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</tbody>
</table>

**Product Description**

**Description**
Bdnf (Rat) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of rat Bdnf.

**Gene ID**
627

**Gene Symbol**
BDNF

**Species**
Rat

**Specificity/Sensitivity**
brain derived neurotrophic factor

**Kit Components**
96-well plate precoated with anti-rat BDNF antibody, Lyophilized recombinant rat BDNF standard, Biotinylated anti-rat BDNF antibody (dilution 1:100), Avidin-Biotin-Peroxidase Complex (ABC) (dilution 1:100), Sample diluent buffer, Antibody diluent buffer, ABC diluent buffer, TMB color developing agent, TMB stop solution, Adhesive cover

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

**Standard Curve Range**
31.2 to 2000 pg/mL

**Sensitivity**
2 pg/mL

**Inter Assay**
CV% < 7.1%

**Intra Assay**
CV% < 3.8%

**Assay Type**
Sandwich ELISA

**Suitable Sample Type**
Cell Culture Supernatant, Serum, Plasma (Heparin, EDTA, Citrate)

**Sample Volume**
100 uL

**Product Application Details**

**Applications**
ELISA

**Recommended Dilutions**
ELISA

**Application Notes**
Useful for quantification.
<table>
<thead>
<tr>
<th>Publications</th>
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<tbody>
<tr>
<td>Jones KR, Reichardt LF. Molecular cloning of a human gene that is a member of the nerve growth factor family. Proc Natl Acad Sci U S A. 1990 Oct [PMID: 2236018]</td>
</tr>
<tr>
<td>Baranowska-Bosiacka I, Struzynska L, Gutowska I et al. Perinatal exposure to lead induces morphological, ultrastructural and molecular alterations in the hippocampus. Toxicology. 2012 Nov 09 [PMID: 23146751]</td>
</tr>
<tr>
<td>Vazquez E, Barranco A, Ramirez M et al. Effects of a human milk oligosaccharide, 2-fucosyllactose, on hippocampal long-term potentiation and learning capabilities in rodents J Nutr Biochem. 2015 Jan 15 [PMID: 25662731]</td>
</tr>
</tbody>
</table>

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

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Products Related to KA0330

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>H00000627-P01-2ug</td>
<td>Recombinant Human BDNF Protein</td>
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<td>233-FB-025</td>
<td>FGF basic/FGF2 [Unconjugated]</td>
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<tr>
<td>248-BD-005</td>
<td>BDNF [Unconjugated]</td>
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<tr>
<td>212-GD-010/CF</td>
<td>GDNF [Unconjugated]</td>
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