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## Rat Brain-Derived Neurotrophic Factor (BDNF) ELISA Kit

Catalogue No.: abx155251



Rat BDNF ELISA Kit is a sandwich ELISA kit for use with Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids. This assay has high sensitivity and excellent specificity for detection of BDNF (BDNF). No significant cross-reactivity or interference between BDNF (BDNF) and analogues was observed.

Please note that this kit is also available as a CLIA Kit [abx490768](#).

**Target:** BDNF

**Reactivity:** Rat

**Tested Applications:** ELISA

**Recommended dilutions:** Optimal dilutions/concentrations should be determined by the end user.

**Test Range:** 7.8 pg/ml - 500 pg/ml

**Sensitivity:** < 3.5 pg/ml

**Validity:** The validity for this kit is 6 months.

**Storage:** Store at 2°C to 8°C upon receipt.

**Stability:** The stability of the kit is determined by the rate of activity loss. The loss rate is less than 5% within the expiration date under appropriate storage conditions. To minimize performance fluctuations, operation procedures and lab conditions should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same user throughout.

**Swiss Prot:** [P23363](#)

**GeneID:** [24225](#)

**Gene Symbol:** BDNF

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**Ensembl:** ENSRNOG000000047466

**Standard Form:** Lyophilized

**ELISA Detection:** Colorimetric

**ELISA Type:** Sandwich

**ELISA Data:** Quantitative

**Sample Type:** Serum, plasma, tissue homogenates, cell lysates, cell culture supernatants and other biological fluids.

**Note:** This product is for research use only.  
The range and sensitivity is subject to change. Please contact us for the latest product information.  
For accurate results, sample concentrations must be diluted to mid-range of the kit. If you require a specific range, please contact us in advance or write your request in your order comments.  
Please note that our ELISA and CLIA kits are optimised for detection of native samples, rather than recombinant proteins. We are unable to guarantee detection of recombinant proteins, as they may have different sequences or tertiary structures to the native protein.