Brain Derived Neurotrophic Factor (BDNF) ELISA Kit for Mouse

PRODUCT OVERVIEW

Product Name	Brain Derived Neurotrophic Factor (BDNF), ELISA Kit
Full Product Name	Mouse Brain Derived Neurotrophic Factor ELISA Kit
Product Gene Name	BDNF elisa kit
Species Reactivity	Mouse
Assay Type	Sandwich
Samples	Undiluted original Mouse body fluids, tissue homogenates, secretions or feces samples. This kit is NOT suitable for assaying non-biological sources of substances.
Detection Range	62.5 pg/ml - 2000 pg/ml.
Sensitivity	10 pg/ml.
Specificity	No significant cross-reactivity or interference between this analyte and analogues is observed.
Preparation and Storage	Store all reagents at 2-8 degree C
Inter-assay Precision	Inter-assay CV (%) is less than 15%. [CV(%) = SD/mean ×100].
Intra-assay Precision	Intra-assay CV (%) is less than 15%.
Related Product Information for BDNF elisa kit	Background/Introduction: This Quantitative Sandwich ELISA kit is only for in vitro research use only! This kit is intended to be used for determination the level of BDNF (hereafter termed "analyte") in undiluted original Mouse body fluids, tissue homogenates, secretions or feces samples. This kit is NOT suitable for assaying non-biological sources of substances.
Other Notes	Small volumes of BDNF elisa kit vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for BDNF purchase	MBS024050 is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Brain Derived Neurotrophic Factor (BDNF) ELISA Kit target analytes in biological samples. The concentration gradients of the kit standards or positive controls render a theoretical kit detection range in biological research samples containing BDNF. The ELISA analytical biochemical technique of the MBS024050 kit is based on BDNF antibody-BDNF antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect BDNF antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, BDNF. Appropriate sample types may include undiluted body fluids and/or tissue homogenates, secretions. Quality control assays assessing reproducibility identified the intra-assay CV (%) and inter-assay CV(%).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for BDNF. It may not necessarily be applicable to this product.

NCBI GI #	262342369
NCBI Accession #	ACY54685.1
NCBI Official Full Name	BDNF, partial
Protein Family	Brain-derived neurotrophic factor

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