

Human Brain Protein 44 Like Protein (BRP44L) ELISA Kit | BRP44L elisa kit

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CATALOG #
AAA136599

REACTIVITY
Human

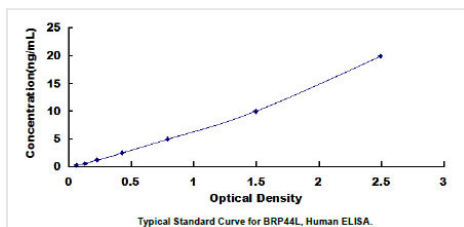
PRODUCT SYNONYMS

Brain Protein 44 Like Protein (BRP44L); Human Brain Protein 44 Like Protein (BRP44L) ELISA Kit; CGI-129; BRP44L; Brain Protein 44 Like Protein; BRP44L elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of BRP44L. No significant cross-reactivity or interference between BRP44L and analogues was observed.
Sequence Length	109
Assay Type	Double-antibody Sandwich
Samples	Tissue homogenates, Cell lysates and other biological fluids
Detection Range	0.312-20ng/mL
Sensitivity	0.123ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level BRP44L were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level BRP44L were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BRP44L elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of BRP44L in human tissue homogenates, cell lysates and other biological fluids. Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to BRP44L. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to BRP44L. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain BRP44L, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of BRP44L in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for BRP44L elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	386780586
NCBI GeneID	716864
NCBI Accession #	NP_001247499.1
NCBI GenBank Nucleotide #	NM_001260570.1
NCBI Official Full Name	brain protein 44-like protein
NCBI Official Symbol	BRP44L
NCBI Protein Information	brain protein 44-like protein

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/brain-protein-44-like-protein-brp44l/136599>