

Mouse Bromodomain-Containing Protein 4 (BRD4) ELISA Kit | BRD4 elisa kit

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CATALOG #
AAA219635

REACTIVITY
Mouse

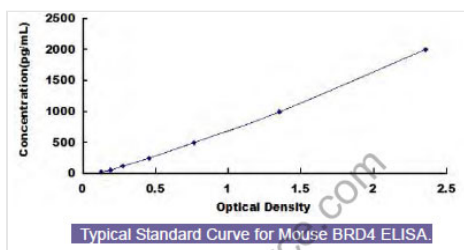
PRODUCT SYNONYMS

Bromodomain-Containing Protein 4 (BRD4); Mouse Bromodomain-Containing Protein 4 (BRD4) ELISA Kit; Mitotic chromosome-associated protein(MCAP); BRD4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of BPI. No significant cross-reactivity or interference between BPI and analogues was observed.
Sequence Length	1400
Samples	Human Serum, Plasma, Tissue Homogenates Or Other Biological Fluids
Assay Type	Quantitative Sandwich
Detection Range	12.5-800pg/mL
Sensitivity	5.4pg/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level BPI 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 BPI were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Stable for 12 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BRD4 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of BPI in human serum, plasma, tissue homogenates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to BPI. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to BPI. 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 BPI, 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 BPI in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	226342873
NCBI GeneID	57261
NCBI Accession #	NP_065254.3
NCBI GenBank Nucleotide #	NM_020508.4
UniProt Accession #	Q9ESU6; Q8VHF7; Q8VHF8; B0V2V7
Molecular Weight	80,605 Da
NCBI Official Full Name	bromodomain-containing protein 4 isoform 1
NCBI Official Synonym Full Names	bromodomain containing 4
NCBI Official Symbol	Brd4
NCBI Official Synonym Symbols	Brd5; MCAP; HUNK1; WI-11513
NCBI Protein Information	bromodomain-containing protein 4
UniProt Protein Name	Bromodomain-containing protein 4
UniProt Gene Name	Brd4
UniProt Synonym Gene Names	Mcap; MCAP

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/mouse-elisa-kits/bromodomain-containing-protein-4-brd4/219635>