

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

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CATALOG #
AAA21076

REACTIVITY
Human

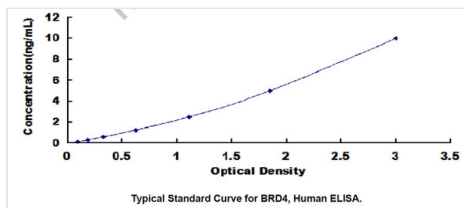
PRODUCT SYNONYMS

Bromodomain Containing Protein 4 (BRD4); Human Bromodomain Containing Protein 4 (BRD4) ELISA Kit; CAP; HUNK1; MCAP; HUNK1; Chromosome-Associated Protein; BRD4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of BRD4. No significant cross-reactivity or interference between BRD4 and analogues was observed.
Sequence Length	1362
Assay Type	Quantitative Sandwich
Samples	Human tissue homogenates, cell lysates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.059ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level BRD4 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 BRD4 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 BRD4 elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to BRD4. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to BRD4. 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 BRD4, 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 BRD4 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of BRD4 in human tissue homogenates, cell lysates and other biological fluids.
Product Categories/Family for BRD4 elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	19718731
NCBI GeneID	23476
NCBI Accession #	NP_490597.1
NCBI GenBank Nucleotide #	NM_058243.2
UniProt Accession #	O60885; O60433; Q4G0X8; Q86YS8; Q96PD3
Molecular Weight	88,289 Da
NCBI Official Full Name	bromodomain-containing protein 4 isoform long
NCBI Official Synonym Full Names	bromodomain containing 4
NCBI Official Symbol	BRD4
NCBI Official Synonym Symbols	CAP; MCAP; HUNK1; HUNKI
NCBI Protein Information	bromodomain-containing protein 4
UniProt Protein Name	Bromodomain-containing protein 4
UniProt Gene Name	BRD4
UniProt Synonym Gene Names	HUNK1

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/bromodomain-containing-protein-4-brd4/21076>