

Mouse Bromodomain-containing protein 4 (BRD4) ELISA Kit | BRD4 elisa kit

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CATALOG #
AAA27362

REACTIVITY
Mouse

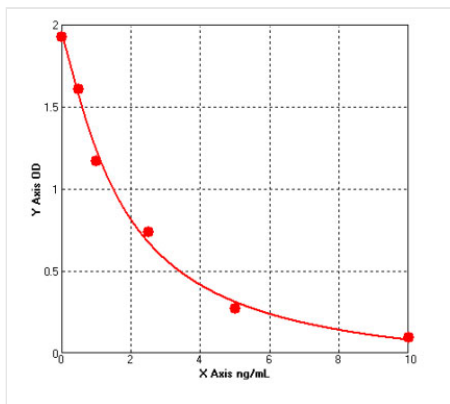
PRODUCT SYNONYMS

Bromodomain-containing protein 4 (BRD4); Mouse Bromodomain-containing protein 4 (BRD4) ELISA Kit; BRD4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
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. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between BRD4 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/ml
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BRD4 elisa kit	Principle of the Assay: BRD4 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-BRD4 antibody and an BRD4-HRP conjugate. The assay sample and buffer are incubated together with BRD4-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the BRD4 concentration since BRD4 from samples and BRD4-HRP conjugate compete for the anti-BRD4 antibody binding site. Since the number of sites is limited, as more sites are occupied by BRD4 from the sample, fewer sites are left to bind BRD4-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The BRD4 concentration in each sample is interpolated from this standard curve. Intended Uses: This BRD4 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse BRD4. This ELISA kit for research use only, not for therapeutic or diagnostic applications!
Product Categories/Family for BRD4 elisa kit	Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	19718731
NCBI GeneID	23476
NCBI Accession #	NP_490597.1
NCBI GenBank Nucleotide #	NM_058243.2
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; bromodomain-containing 4; chromosome-associated protein
UniProt Protein Name	Bromodomain-containing protein 4
UniProt Gene Name	BRD4
UniProt Synonym Gene Names	HUNK1
UniProt Entry Name	BRD4_HUMAN

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-brd4/27362>