

Human Bromodomain containing protein 3 (BRD3) ELISA Kit | BRD3 elisa kit

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CATALOG #
AAA246680

REACTIVITY
Human

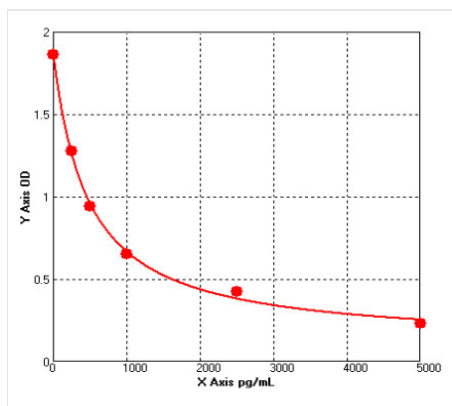
PRODUCT SYNONYMS

Bromodomain containing protein 3 (BRD3); Human Bromodomain containing protein 3 (BRD3) ELISA Kit; BRD3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of BRD3. No significant cross-reactivity or interference between BRD3 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between BRD3 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	1.0 pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BRD3 elisa kit	Principle of the Assay: BRD3 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-BRD3 antibody and an BRD3-HRP conjugate. The assay sample and buffer are incubated together with BRD3-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 BRD3 concentration since BRD3 from samples and BRD3-HRP conjugate compete for the anti-BRD3 antibody binding site. Since the number of sites is limited, as more sites are occupied by BRD3 from the sample, fewer sites are left to bind BRD3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The BRD3 concentration in each sample is interpolated from this standard curve. Intended Uses: This BRD3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human BRD3. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for BRD3 elisa kit	Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	11067749
NCBI GeneID	8019
NCBI Accession #	NP_031397.1
NCBI GenBank Nucleotide #	NM_007371.3
Molecular Weight	60,942 Da
NCBI Official Full Name	bromodomain-containing protein 3
NCBI Official Synonym Full Names	bromodomain containing 3
NCBI Official Symbol	BRD3
NCBI Official Synonym Symbols	ORFX; RING3L
NCBI Protein Information	bromodomain-containing protein 3; RING3-like protein; bromodomain-containing 3
UniProt Protein Name	Bromodomain-containing protein 3
UniProt Gene Name	BRD3
UniProt Synonym Gene Names	KIAA0043; RING3L
UniProt Entry Name	BRD3_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/human-elisa-kits/bromodomain-containing-protein-3-brd3/246680>