

Human BRCA1 associated RING domain protein 1 (BARD1) ELISA Kit | BARD1 elisa kit

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CATALOG #
AAA27263

REACTIVITY
Human

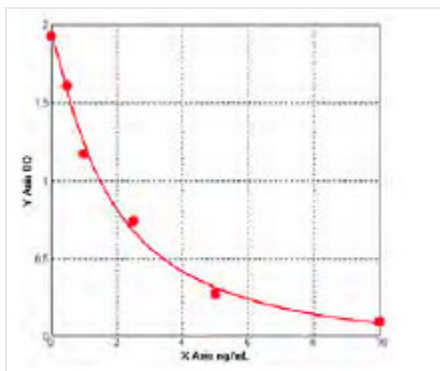
PRODUCT SYNONYMS

BRCA1 associated RING domain protein 1 (BARD1); Human BRCA1 associated RING domain protein 1 (BARD1) ELISA Kit; BARD1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of BARD1. No significant cross-reactivity or interference between BARD1 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between BARD1 and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
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 BARD1 elisa kit	Intended Uses: This BARD1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of HumanBARD1. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: BARD1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-BARD1 antibody and an BARD1-HRP conjugate. The assay sample and buffer are incubated together with BARD1-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 BARD1 concentration since BARD1 from samples and BARD1-HRP conjugate compete for the anti-BARD1 antibody binding site. Since the number of sites is limited, as more sites are occupied by BARD1 from the sample, fewer sites are left to bind BARD1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The BARD1 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for BARD1 elisa kit	Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	157266328
NCBI GeneID	580
NCBI Accession #	NP_000456.2
NCBI GenBank Nucleotide #	NM_000465.3
Molecular Weight	14,362 Da
NCBI Official Full Name	BRCA1-associated RING domain protein 1 isoform 1
NCBI Official Synonym Full Names	BRCA1 associated RING domain 1
NCBI Official Symbol	BARD1
NCBI Protein Information	BRCA1-associated RING domain protein 1; BRCA1-associated RING domain gene 1
UniProt Protein Name	BRCA1-associated RING domain protein 1
UniProt Gene Name	BARD1
UniProt Synonym Gene Names	BARD-1
UniProt Entry Name	BARD1_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/brca1-associated-ring-domain-protein-1-bard1/27263>