

Goat Breast Cancer Susceptibility Protein 1 ELISA Kit | BRCA1 elisa kit

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CATALOG #
AAA94554

REACTIVITY
Goat

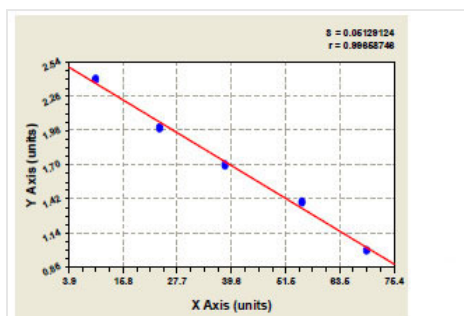
PRODUCT SYNONYMS

Breast Cancer Susceptibility Protein 1; Goat Breast Cancer Susceptibility Protein 1 ELISA Kit; BRCA1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Goat
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 pg/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



ADDITIONAL INFORMATION

Related Product Information for BRCA1 elisa kit

Intended Uses: This BRCA1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Goat BRCA1. This ELISA kit for research use only!

Principle of the Assay||BRCA1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-BRCA1 antibody and an BRCA1-HRP conjugate. The assay sample and buffer are incubated together with BRCA1-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 BRCA1 concentration since BRCA1 from samples and BRCA1-HRP conjugate compete for the anti-BRCA1 antibody binding site. Since the number of sites is limited, as more sites are occupied by BRCA1 from the sample, fewer sites are left to bind BRCA1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The BRCA1 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for BRCA1 elisa kit

Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	1698399
NCBI GeneID	672
Molecular Weight	210,266 Da
NCBI Official Full Name	BRCA1
NCBI Official Synonym Full Names	breast cancer 1, early onset
NCBI Official Symbol	BRCA1
NCBI Official Synonym Symbols	IRIS; PSCP; BRCAI; BRCC1; PNCA4; RNF53; BROVCA1; PPP1R53
NCBI Protein Information	breast cancer type 1 susceptibility protein; RING finger protein 53; BRCA1/BRCA2-containing complex, subunit 1; protein phosphatase 1, regulatory subunit 53; breast and ovarian cancer susceptibility protein 1; breast and ovarian cancer susceptibility protein 1
UniProt Protein Name	Breast cancer type 1 susceptibility protein
UniProt Gene Name	BRCA1
UniProt Synonym Gene Names	RNF53
UniProt Entry Name	BRCA1_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/brca1-goat-elisa-kits/breast-cancer-susceptibility-protein-1/94554>