

Rat Breast cancer anti-estrogen resistance protein 3 (BCAR3) ELISA Kit | BCAR3 elisa kit

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CATALOG # AAA245734	REACTIVITY Rat
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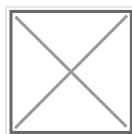
PRODUCT SYNONYMS

Breast cancer anti-estrogen resistance protein 3 (BCAR3); Rat Breast cancer anti-estrogen resistance protein 3 (BCAR3) ELISA Kit; BCAR3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
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 BCAR3 elisa kit	Intended Uses: This BCAR3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat BCAR3. This ELISA kit for research use only! Principle of the Assay: BCAR3 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-BCAR3 antibody and an BCAR3-HRP conjugate. The assay sample and buffer are incubated together with BCAR3-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 BCAR3 concentration since BCAR3 from samples and BCAR3-HRP conjugate compete for the anti-BCAR3 antibody binding site. Since the number of sites is limited, as more sites are occupied by BCAR3 from the sample, fewer sites are left to bind BCAR3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The BCAR3 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for BCAR3 elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	387157909
NCBI GeneID	8412

NCBI Accession #	NP_001248338.1
NCBI GenBank Nucleotide #	NM_001261409.1
Molecular Weight	82,357 Da
NCBI Official Full Name	breast cancer anti-estrogen resistance protein 3 isoform 1
NCBI Official Synonym Full Names	breast cancer anti-estrogen resistance 3
NCBI Official Symbol	BCAR3
NCBI Official Synonym Symbols	NSP2; SH2D3B
NCBI Protein Information	breast cancer anti-estrogen resistance protein 3; novel SH2-containing protein 2; SH2 domain-containing protein 3B; breast cancer antiestrogen resistance 3 protein; dJ1033H22.2 (breast cancer anti-estrogen resistance 3)
UniProt Protein Name	Breast cancer anti-estrogen resistance protein 3
UniProt Gene Name	BCAR3
UniProt Synonym Gene Names	NSP2; SH2D3B; UNQ271/PRO308
UniProt Entry Name	BCAR3_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/rat-elisa-kits/breast-cancer-anti-estrogen-resistance-protein-3-bcar3/245734>