

Human Breakpoint cluster region protein (BCR) ELISA Kit | BCR elisa kit

Human Breakpoint cluster region protein (BCR) ELISA Kit

CATALOG #
AAA245008

REACTIVITY
Human

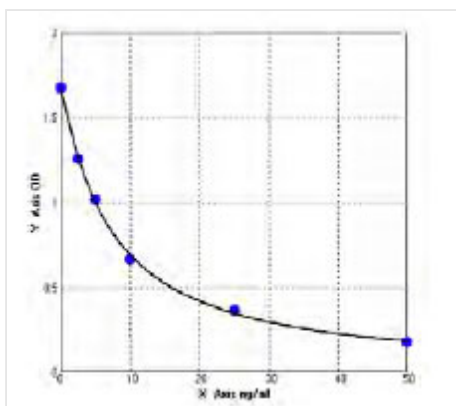
PRODUCT SYNONYMS

Breakpoint cluster region protein (BCR); Human Breakpoint cluster region protein (BCR) ELISA Kit; BCR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of BCR. No significant cross-reactivity or interference between BCR and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between BCR 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 BCR elisa kit	Intended Uses: This BCR ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human BCR. This ELISA kit for research use only! Principle of the Assay: BCR ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-BCR antibody and an BCR-HRP conjugate. The assay sample and buffer are incubated together with BCR-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 BCR concentration since BCR from samples and BCR-HRP conjugate compete for the anti-BCR antibody binding site. Since the number of sites is limited, as more sites are occupied by BCR from the sample, fewer sites are left to bind BCR-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The BCR concentration in each sample is interpolated from this standard curve.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	487347
NCBI GeneID	613
Molecular Weight	137,729 Da
NCBI Official Full Name	breakpoint cluster region protein, partial
NCBI Official Synonym Full Names	breakpoint cluster region
NCBI Official Symbol	BCR
NCBI Official Synonym Symbols	ALL; CML; PHL; BCR1; D22S11; D22S662
NCBI Protein Information	breakpoint cluster region protein; BCR/FGFR1 chimera protein; FGFR1/BCR chimera protein; renal carcinoma antigen NY-REN-26
UniProt Protein Name	Breakpoint cluster region protein
UniProt Gene Name	BCR
UniProt Synonym Gene Names	BCR1; D22S11
UniProt Entry Name	BCR_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.