

BCR (Human) Cell-Based ELISA Kit

Catalog # KA2607 Size 1 Kit

Specification

Product Description	BCR (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative determination of BCR expression in cultured cells.
Suitable Sample	Attached Cell, Loosely Attached Cell, Suspension Cell
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Qualitative
Reactivity	Human, Mouse
Regulation Status	For research use only (RUO)
Storage Instruction	Store the kit at 4°C.

Applications

- Qualitative

Gene Info — BCR

Entrez GeneID	613
Protein Accession#	P11274
Gene Name	BCR
Gene Alias	ALL, BCR-ABL1, BCR1, CML, D22S11, D22S662, FLJ16453, PHL
Gene Description	breakpoint cluster region

Omim ID [151410 608232](#)

Gene Ontology [Hyperlink](#)

Gene Summary

A reciprocal translocation between chromosomes 22 and 9 produces the Philadelphia chromosome, which is often found in patients with chronic myelogenous leukemia. The chromosome 22 breakpoint for this translocation is located within the BCR gene. The translocation produces a fusion protein which is encoded by sequence from both BCR and ABL, the gene at the chromosome 9 breakpoint. Although the BCR-ABL fusion protein has been extensively studied, the function of the normal BCR gene product is not clear. The protein has serine/threonine kinase activity and is a GTPase-activating protein for p21rac. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations bcr-abl1 e14a3 chimeric protein

Pathway

- [Chronic myeloid leukemia](#)
- [Pathways in cancer](#)

Disease

- [Alzheimer disease](#)
- [Angina Pectoris](#)
- [Bipolar Disorder](#)
- [Brief Psychiatric Rating Scale](#)
- [Chromosome Breakage](#)
- [Coronary Vasospasm](#)
- [Depressive Disorder](#)
- [Genetic Predisposition to Disease](#)
- [Leukemia](#)
- [Lung Neoplasms](#)
- [Pulmonary Disease](#)
- [Small Cell Lung Carcinoma](#)

- [Tobacco Use Disorder](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)