

Human Tyrosine-protein kinase ABL1 (ABL1) ELISA Kit



Catalog No: #EK7632

Orders: order@signalwayantibody.com

Package Size: #EK7632-1 48T #EK7632-2 96T

Support: tech@signalwayantibody.com

Description

Product Name	Human Tyrosine-protein kinase ABL1 (ABL1) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Human (Homo sapiens)
Other Names	RP11-83J21.1; ABL; JTK7; bcr/abl; c-ABL; p150; v-abl; bcr/c-abl oncogene protein proto-oncogene tyrosine-protein kinase ABL1 v-abl Abelson murine leukemia viral oncogene homolog 1
Accession No.	P00519
Uniprot	P00519
GeneID	25;
Storage	The stability of ELISA kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. The loss rate was determined by accelerated thermal degradation test. Keep the kit at 37C for 4 and 7 days, and compare O.D.values of the kit kept at 37C with that of at recommended temperature. (referring from China Biological Products Standard, which was calculated by the Arrhenius equation. For ELISA kit, 4 days storage at 37C can be considered as 6 months at 2 - 8C, which means 7 days at 37C equaling 12 months at 2 - 8C).

Application Details

Detect Range:25-1600 pg/mL

Sensitivity:6.25 pg/mL

Sample Type:Serum, Plasma, Other biological fluids

Sample Volume: 1-200 µL

Assay Time:1-4.5h

Detection wavelength:450 nm

Product Description

Detection Method:SandwichTest principle:This assay employs a two-site sandwich ELISA to quantitate ABL1 in samples. An antibody specific for ABL1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyABL1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ABL1 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of ABL1 bound in the initial step. The color development is stopped and the intensity of the color is measured.**Product Overview:**Abelson murine leukemia viral oncogene homolog 1 also known as ABL1 is a protein that, in humans, is encoded by the ABL1 gene (previous symbol ABL) located on chromosome 9. c-Abl is sometimes used to refer to the version of the gene found within the mammalian genome, while v-Abl refers to the viral gene

Note: This product is for in vitro research use only