

Human Tyrosine-Protein Kinase ABL1 (ABL1) ELISA Kit | ABL1 elisa kit

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CATALOG #
AAA331063

REACTIVITY
Human

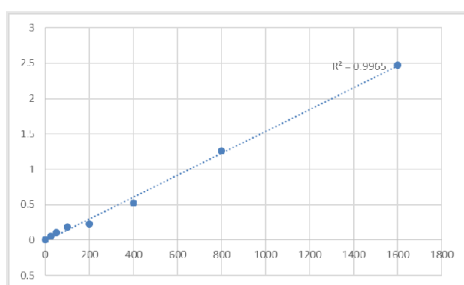
PRODUCT SYNONYMS

Tyrosine-Protein Kinase ABL1 (ABL1); Human Tyrosine-Protein Kinase ABL1 (ABL1) ELISA Kit; ABL1; 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; ABL1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Tyrosine-protein kinase ABL1 (ABL1) ELISA Kit has high sensitivity and excellent specificity for detection of Human ABL1. No significant cross-reactivity or interference between Human ABL1 and analogues was observed.
Sequence Length	1130
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Tyrosine-protein kinase ABL1 (ABL1) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for ABL1 elisa kit	Description: This Human Tyrosine-protein kinase ABL1 (ABL1) ELISA Kit 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 any ABL1 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. Background: 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
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NCBI AND UNIPROT INFORMATION

NCBI GI #	62362414
NCBI GeneID	25
NCBI Accession #	NP_005148.2
NCBI GenBank Nucleotide #	NP_005148.2
UniProt Accession #	P00519
NCBI Official Full Name	tyrosine-protein kinase ABL1 isoform a
NCBI Official Synonym Full Names	ABL proto-oncogene 1, non-receptor tyrosine kinase
NCBI Official Symbol	ABL1
NCBI Official Synonym Symbols	ABL; JTK7; p150; c-ABL; v-abl; CHDSKM; c-ABL1; bcr/abl
NCBI Protein Information	tyrosine-protein kinase ABL1
UniProt Protein Name	Tyrosine-protein kinase ABL1
UniProt Gene Name	ABL1
UniProt Synonym Gene Names	ABL; JTK7
UniProt Entry Name	ABL1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/tyrosine-protein-kinase-abl1-abl1/331063>