

Human v-raf murine sarcoma viral oncogene homolog B1 ELISA Kit | BRAF elisa kit

Human Serine/threonine-protein kinase B-raf, BRAF ELISA Kit

CATALOG #
AAA18104

REACTIVITY
Human

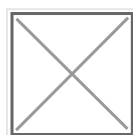
PRODUCT SYNONYMS

v-raf murine sarcoma viral oncogene homolog B1; Human Serine/threonine-protein kinase B-raf; BRAF ELISA Kit; Human Serine/threonine-protein kinase B-raf (BRAF) ELISA kit; B-RAF1; BRAF1; FLJ95109; MGC126806; MGC138284; RAFB1; 94 kDa B-raf protein; B-Raf; B-Raf proto-oncogene serine/threonine-protein kinase (p94) ; murine sarcoma viral (v-raf) oncogene homolog B1; BRAF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human BRAF. No significant cross-reactivity or interference between human BRAF and analogues was observed.
Sequence Length	766
Samples	Serum, plasma, Cell lysates
Assay Type	Sandwich
Detection Range	31.25 pg/ml -2000 pg/ml.
Sensitivity	The minimum detectable dose of human BRAF is typically less than 7.81 pg/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BRAF elisa kit

Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for BRAF has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any BRAF present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for BRAF is added to the wells. After washing, avidin 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 BRAF bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	33188459
NCBI GeneID	673
NCBI Accession #	NP_004324.2
NCBI GenBank Nucleotide #	NM_004333.4
UniProt Accession #	P15056; Q13878; Q3MIN6; Q9UDP8; Q9Y6T3; A4D1T4; B6HY61; B6HY62; B6HY63; B6HY64; B6HY65; B6HY66
Molecular Weight	84,437 Da
NCBI Official Full Name	serine/threonine-protein kinase B-raf
NCBI Official Synonym Full Names	B-Raf proto-oncogene, serine/threonine kinase
NCBI Official Symbol	BRAF
NCBI Official Synonym Symbols	NS7; BRAF1; RAFB1; B-RAF1
NCBI Protein Information	serine/threonine-protein kinase B-raf; 94 kDa B-raf protein; proto-oncogene B-Raf; v-raf murine sarcoma viral oncogene homolog B; v-raf murine sarcoma viral oncogene homolog B1; murine sarcoma viral (v-raf) oncogene homolog B1; B-Raf proto-oncogene serine/threonine-protein kinase (p94)
UniProt Protein Name	Serine/threonine-protein kinase B-raf
UniProt Gene Name	BRAF
UniProt Synonym Gene Names	BRAF1; RAFB1
UniProt Entry Name	BRAF_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/brf-human-elisa-kits/v-raf-murine-sarcoma-viral-oncogene-homolog-b1/18104>