

Human C-Raf Proto Oncogene Serine/Threonine Protein Kinase (CRAF) ELISA Kit | CRAF elisa kit

Human C-Raf Proto Oncogene Serine/Threonine Protein Kinase (CRAF) ELISA Kit

CATALOG # AAA65307	REACTIVITY Human
------------------------------	----------------------------

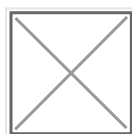
PRODUCT SYNONYMS

C-Raf Proto Oncogene Serine/Threonine Protein Kinase (CRAF); Human C-Raf Proto Oncogene Serine/Threonine Protein Kinase (CRAF) ELISA Kit; RAF1; Raf1; V-raf-1 Murine Leukemia Viral Oncogene Homolog 1; Proto-oncogene c-RAF; CRAF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CRAF. No significant cross-reactivity or interference between CRAF and analogues was observed.
Sequence Length	648
Samples	Tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.055ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level CRAF were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level CRAF were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CRAF elisa kit	<p>Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of CRAF in human tissue homogenates, cell lysates and other biological fluids.</p> <p>Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to CRAF. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to CRAF. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain CRAF, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of CRAF in the samples is then determined by comparing the O.D. of the samples to the standard curve.</p>
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506401
NCBI GeneID	5894
NCBI Accession #	NP_002871.1
NCBI GenBank Nucleotide #	NM_002880.3
UniProt Accession #	P04049; Q15278; Q9UC20; B0LPH8; B2R5N3
Molecular Weight	75,395 Da
NCBI Official Full Name	RAF proto-oncogene serine/threonine-protein kinase
NCBI Official Synonym Full Names	Raf-1 proto-oncogene, serine/threonine kinase
NCBI Official Symbol	RAF1
NCBI Official Synonym Symbols	NS5; CRAF; Raf-1; c-Raf; CMD1NN
NCBI Protein Information	RAF proto-oncogene serine/threonine-protein kinase
UniProt Protein Name	RAF proto-oncogene serine/threonine-protein kinase
UniProt Gene Name	RAF1
UniProt Synonym Gene Names	RAF; cRaf

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/c-raf-proto-oncogene-serine-threonine-protein-kinase-craf/65307>