

Human GTPase KRas ELISA Kit | KRAS elisa kit

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CATALOG #
AAA123020

REACTIVITY
Human

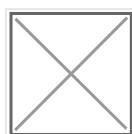
PRODUCT SYNONYMS

GTPase KRas; Human GTPase KRas ELISA Kit; KRAS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	189
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	7-1500ng/L
Sensitivity	3.39ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for KRAS elisa kit

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human KRAS antibody. KRAS present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human KRAS Antibody is added and binds to KRAS in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated KRAS antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human KRAS. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

Intended Uses: This sandwich kit is for the accurate quantitative detection of Human GTPase KRas (also known as KRAS) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	15718763
NCBI GeneID	3845

NCBI Accession #	NP_203524.1
NCBI GenBank Nucleotide #	NM_033360.3
UniProt Accession #	P01116
NCBI Official Full Name	GTPase KRas isoform a
NCBI Official Synonym Full Names	KRAS proto-oncogene, GTPase
NCBI Official Symbol	KRAS
NCBI Official Synonym Symbols	NS; NS3; CFC2; RALD; K-Ras; KRAS1; KRAS2; RASK2; KI-RAS; C-K-RAS; K-RAS2A; K-RAS2B; K-RAS4A; K-RAS4B; c-Ki-ras2
NCBI Protein Information	GTPase KRas
UniProt Protein Name	GTPase KRas
UniProt Gene Name	KRAS
UniProt Synonym Gene Names	KRAS2; RASK2
UniProt Entry Name	RASK_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/gtpase-kras/123020>