

Human GTPase NRas (NRAS) ELISA Kit | NRAS elisa kit

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CATALOG #
AAA245460

REACTIVITY
Human

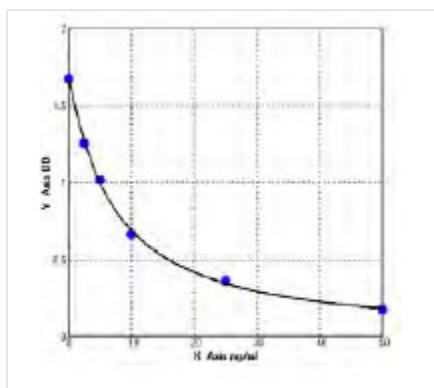
PRODUCT SYNONYMS

GTPase NRas (NRAS); Human GTPase NRas (NRAS) ELISA Kit; NRAS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NRAS elisa kit

Intended Uses: This NR2F2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of HumanNR2F2. This ELISA kit for research use only!

Principle of the Assay: NR2F2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-NR2F2 antibody and an NR2F2-HRP conjugate. The assay sample and buffer are incubated together with NR2F2-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the NR2F2 concentration since NR2F2 from samples and NR2F2-HRP conjugate compete for the anti-NR2F2 antibody binding site. Since the number of sites is limited, as more sites are occupied by NR2F2 from the sample, fewer sites are left to bind NR2F2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The NR2F2 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505451
NCBI GeneID	4893
NCBI Accession #	NP_002515.1
NCBI GenBank Nucleotide #	NM_002524.4
Molecular Weight	21,229 Da
NCBI Official Full Name	GTPase NRas
NCBI Official Synonym Full Names	neuroblastoma RAS viral (v-ras) oncogene homolog
NCBI Official Symbol	NRAS
NCBI Official Synonym Symbols	NS6; CMNS; NCMS; ALPS4; N-ras; NRAS1
NCBI Protein Information	GTPase NRas; N-ras protein part 4; transforming protein N-Ras; v-ras neuroblastoma RAS viral oncogene homolog
UniProt Protein Name	GTPase NRas
UniProt Gene Name	NRAS
UniProt Synonym Gene Names	HRAS1
UniProt Entry Name	RASN_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.