

Guinea Pig V-Ha-Ras Harvey Rat Sarcoma Viral Oncogene Homolog ELISA Kit | HRAS elisa kit

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CATALOG #

AAA84847

REACTIVITY

Guinea Pig

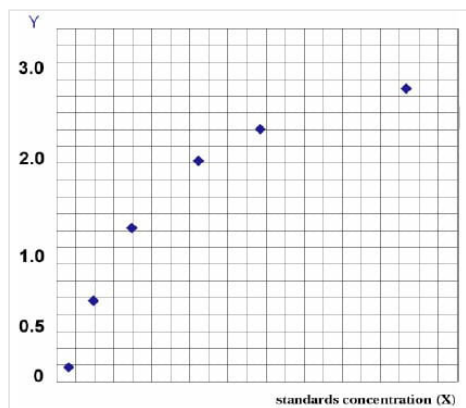
PRODUCT SYNONYMS

V-Ha-Ras Harvey Rat Sarcoma Viral Oncogene Homolog; Guinea pig V-Ha-Ras Harvey Rat Sarcoma Viral Oncogene Homolog ELISA Kit; HRAS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Guinea Pig
Assay Type	Sandwich
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HRAS elisa kit	Intended Uses: This HRAS ELISA kit is intended Laboratory for research use only.The Stop Solution changes the color from blue to yellow and the intensity of the color is measured at 450 nm using a spectrophotometer. In order to measure the concentration ofHRAS in the sample, thisHRAS ELISA Kit includes a set of calibration standards. The calibration standards are assayed at the same time as the samples and allow the operator to produce a standard curve of Optical Density versusHRAS concentration. The concentration ofHRAS in the samples is then determined by comparing the O.D. of the samples to the standard curve. Principle of the Assay: This HRAS enzyme linked immunosorbent assay applies a technique called a quantitative sandwich immunoassay. The microtiter plate provided in this kit has been pre-coated with a monoclonal antibody specific forHRAS. Standards or samples are then added to the microtiter plate wells andHRAS if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount ofHRAS present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific forHRAS are added to each well to "sandwich" theHRAS immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, A and B substrate solution is added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period.Only those wells that containHRAS and enzyme-conjugated antibody will exhibit a change in colour. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the colour change is measured spectrophotometrically at a wavelength of 450 nm.
Product Categories/Family for HRAS elisa kit	Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	49457536
NCBI GeneID	3265
UniProt Accession #	P01112; Q14080; Q6FHV9; Q9BR65; Q9UCE2; B5BUA0
Molecular Weight	18,870 Da
NCBI Official Full Name	HRAS, partial
NCBI Official Synonym Full Names	Harvey rat sarcoma viral oncogene homolog
NCBI Official Symbol	HRAS
NCBI Official Synonym Symbols	CTLO; HAMSV; HRAS1; RASH1; p21ras; C-H-RAS; H-RASIDX; C-BAS/HAS; C-HA-RAS1
NCBI Protein Information	GTPase HRas; p19 H-RasIDX protein; c-has/bas p21 protein; transforming protein p21; Ha-Ras1 proto-oncoprotein; c-ras-Ki-2 activated oncogene; GTP- and GDP-binding peptide B; transformation gene: oncogene HAMSV; Harvey rat sarcoma viral oncoprotein; Ras family small GTP binding protein H-Ras; v-Ha-ras Harvey rat sarcoma viral oncogene homolog
UniProt Protein Name	GTPase HRas
UniProt Gene Name	HRAS
UniProt Synonym Gene Names	HRAS1
UniProt Entry Name	RASH_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.