

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

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CATALOG #  
**AAA86432**

REACTIVITY  
**Mouse**

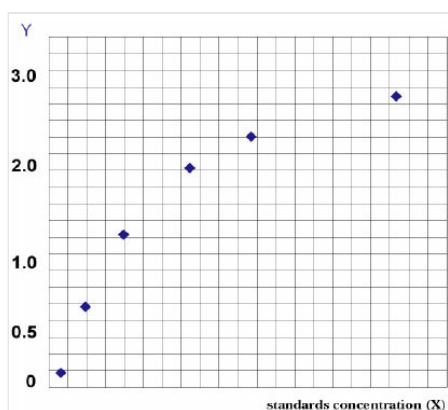
### PRODUCT SYNONYMS

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

### PRODUCT SPECIFICATIONS

|                         |                                     |
|-------------------------|-------------------------------------|
| Reactivity              | Mouse                               |
| 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 of HRAS in the sample, this HRAS 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 versus HRAS concentration. The concentration of HRAS 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 for HRAS. Standards or samples are then added to the microtiter plate wells and HRAS if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of HRAS present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for HRAS are added to each well to "sandwich" the HRAS 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 contain HRAS 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; HAMSVM; 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 HAMSVM; 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                | <b>HRAS</b>                                                                                                                                                                                                                                                                                                                                              |
| 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.

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Online datasheet: <https://stage.aaabiotech.com/hras-mouse-elisa-kits/v-ha-ras-harvey-rat-sarcoma-viral-oncogene-homolog/86432>