

Human GTPase HRas ELISA Kit | HRAS elisa kit

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CATALOG #
AAA102464

REACTIVITY
Human

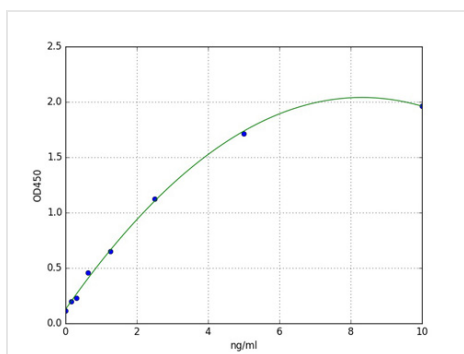
PRODUCT SYNONYMS

GTPase HRas; Human GTPase HRas ELISA Kit; HRAS/GTPase HRas/p21ras/c-H-ras/Transforming protein p21/H-Ras-1/Ha-Ras/C-BAS/HAS/C-H-RAS/C-HA-RAS1/CTLO/H-RASIDX/HAMSV/HRAS1/K-RAS/N-RAS/RASH1; HRAS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	189
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human HRAS ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.059	0.123	0.189	0.235	0.459	0.826	1.436	2.223

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HRAS elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human HRAS antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human HRAS antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRPStreptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human HRAS amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human HRAS can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	194363762
NCBI GeneID	3265
NCBI Accession #	NP_001123914.1
NCBI GenBank Nucleotide #	NM_001130442.2
Molecular Weight	18,870 Da
NCBI Official Full Name	GTPase HRas isoform 1
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
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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/gtpase-hras/102464>