

Bovine H-ras ELISA Kit | H-ras elisa kit

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CATALOG #
AAA94529

REACTIVITY
Bovine

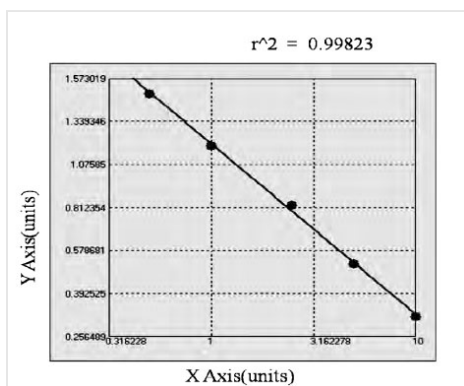
PRODUCT SYNONYMS

H-ras; Bovine H-ras ELISA Kit; H-ras elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This H-ras ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine H-ras. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for H-ras elisa kit

Principle of the assay: H-ras ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-H-ras antibody and an H-ras-HRP conjugate. The assay sample and buffer are incubated together with H-ras-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 H-ras concentration since H-ras from samples and H-ras-HRP conjugate compete for the anti-H-ras antibody binding site. Since the number of sites is limited, as more sites are occupied by H-ras from the sample, fewer sites are left to bind H-ras-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The H-ras concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6650730
NCBI GeneID	100739349
Molecular Weight	21,229 Da
NCBI Official Full Name	H-ras, partial
NCBI Official Symbol	NRAS
NCBI Official Synonym Symbols	HRAS; H-RAS
NCBI Protein Information	GTPase NRas; neuroblastoma ras oncogene; transforming protein N-Ras; v-Ha-ras Harvey rat sarcoma viral oncogene homolog
UniProt Protein Name	GTPase NRas
UniProt Gene Name	NRAS
UniProt Entry Name	RASN_PIG

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/bovine-ovine-elisa-kits/h-ras/94529>