

Human Ras-Related Protein M-Ras (MRAS) ELISA Kit | MRAS elisa kit

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CATALOG #
AAA331700

REACTIVITY
Human

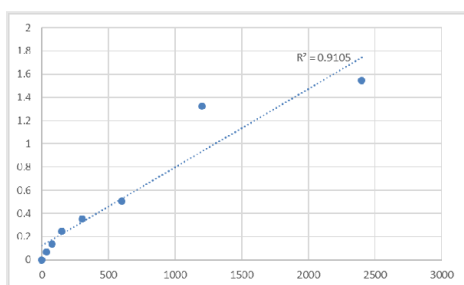
PRODUCT SYNONYMS

Ras-Related Protein M-Ras (MRAS); Human Ras-Related Protein M-Ras (MRAS) ELISA Kit; MRAS; FLJ42964; M-RAS; R-RAS3; RRAS3; muscle and microspikes RAS; MRAS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Ras-related protein M-Ras (MRAS) ELISA Kit has high sensitivity and excellent specificity for detection of Human MRAS. No significant cross-reactivity or interference between Human MRAS and analogues was observed.
Sequence Length	208
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Ras-related protein M-Ras (MRAS) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for MRAS elisa kit	Description: This Human Ras-related protein M-Ras (MRAS) ELISA Kit employs a two-site sandwich ELISA to quantitate MRAS in samples. An antibody specific for MRAS has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MRAS present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MRAS is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of MRAS bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: MRAS encodes a member of the Ras family of small GTPases. These membrane-associated proteins function as signal transducers in multiple processes including cell growth and differentiation, and dysregulation of Ras signaling has been associated with many types of cancer. The encoded protein may play a role in the tumor necrosis factor-alpha and MAP kinase signaling pathways. Alternatively spliced transcript variants encoding multiple isoforms have been observed for MRAS.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	145386506
NCBI GeneID	22808
NCBI Accession #	NP_001078518.1
NCBI GenBank Nucleotide #	NP_001078518.1
UniProt Accession #	O14807
NCBI Official Full Name	ras-related protein M-Ras isoform 1
NCBI Official Synonym Full Names	muscle RAS oncogene homolog
NCBI Official Symbol	MRAS
NCBI Official Synonym Symbols	M-RAS; RRAS3; R-RAS3
NCBI Protein Information	ras-related protein M-Ras
UniProt Protein Name	Ras-related protein M-Ras
UniProt Gene Name	MRAS
UniProt Synonym Gene Names	RRAS3
UniProt Entry Name	RASM_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.