

Human Protein MRVI1 (MRVI1) ELISA Kit | MRVI1 elisa kit

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CATALOG #
AAA331682

REACTIVITY
Human

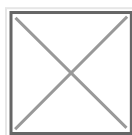
PRODUCT SYNONYMS

Protein MRVI1 (MRVI1); Human Protein MRVI1 (MRVI1) ELISA Kit; MRVI1; IRAG; JAW1L; IP3R-associated cGMP kinase substrate; JAW1-related protein; inositol 1; 4; 5-triphosphate-associated cGMP kinase substrate; MRVI1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Protein MRVI1 (MRVI1) ELISA Kit has high sensitivity and excellent specificity for detection of Human MRVI1. No significant cross-reactivity or interference between Human MRVI1 and analogues was observed.
Sequence Length	904
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 Protein MRVI1 (MRVI1) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for MRVI1 elisa kit	Description: This Human Protein MRVI1 (MRVI1) ELISA Kit employs a two-site sandwich ELISA to quantitate MRVI1 in samples. An antibody specific for MRVI1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MRVI1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MRVI1 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 MRVI1 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: MRVI1 is similar to a putative mouse tumor suppressor gene (Mrvi1) that is frequently disrupted by mouse AIDS-related virus (MRV). Protein MRVI1, which is found in the membrane of the endoplasmic reticulum, is similar to Jaw1, a lymphoid-restricted protein whose expression is down-regulated during lymphoid differentiation. This protein is a substrate of cGMP-dependent kinase-1 (PKG1) that can function as a regulator of IP3-induced calcium release. Studies in mouse suggest that MRV integration at Mrvi1 induces myeloid leukemia by altering the expression of a gene important for myeloid cell growth and/or differentiation, and thus MRVI1 may function as a myeloid leukemia tumor suppressor gene. Several alternatively spliced transcript variants encoding different isoforms have been found for MRVI1, and alternative translation start sites, including a non-AUG (CUG) start site, are used.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	332634572
NCBI GeneID	10335
NCBI Accession #	NP_001092049.2
NCBI GenBank Nucleotide #	NP_001092049.2
UniProt Accession #	Q9Y6F6
NCBI Official Full Name	protein MRVI1 isoform a
NCBI Official Synonym Full Names	murine retrovirus integration site 1 homolog
NCBI Official Symbol	MRVI1
NCBI Official Synonym Symbols	IRAG; JAW1L
NCBI Protein Information	protein MRVI1
UniProt Protein Name	Protein MRVI1
UniProt Gene Name	MRVI1
UniProt Synonym Gene Names	IRAG; JAW1L
UniProt Entry Name	MRVI1_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/protein-mrvi1-mrvi1/331682>