

Human Mitochondrial Antiviral-signaling Protein (MAVS) ELISA Kit | MAVS elisa kit

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CATALOG #
AAA331856

REACTIVITY
Human

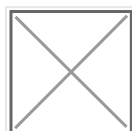
PRODUCT SYNONYMS

Mitochondrial Antiviral-signaling Protein (MAVS); Human Mitochondrial Antiviral-signaling Protein (MAVS) ELISA Kit; MAVS; CARDIF; DKFZp547C224; DKFZp666M015; FLJ27482; FLJ35386; FLJ38051; FLJ41962; IPS-1; IPS1; KIAA1271; MGC3260; VISA; CARD adapter inducing interferon-beta; CARD adaptor inducing IFN-beta; IFN-B promoter; MAVS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Mitochondrial antiviral-signaling protein (MAVS) ELISA Kit has high sensitivity and excellent specificity for detection of Human MAVS. No significant cross-reactivity or interference between Human MAVS and analogues was observed.
Sequence Length	399
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 Mitochondrial antiviral-signaling protein (MAVS) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for MAVS elisa kit	Description: This Human Mitochondrial antiviral-signaling protein (MAVS) ELISA Kit employs a two-site sandwich ELISA to quantitate MAVS in samples. An antibody specific for MAVS has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MAVS present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MAVS 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 MAVS bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: These interactions initiate signaling pathways that differ in their initial steps but converge in the activation of the protein kinases IKKA (CHUK) and IKKB (IKBKB), which activate NFkB, or TBK1 and IKKE (IKBKE), which activate IRF3. Activated IRF3 and NFkB induce transcription of IFNB (IFNB1). For the TLR3 pathway, the intermediary molecule before the pathways converge is the cytoplasmic protein TRIF (TICAM1). For RIGI, the intermediary protein is mitochondria-bound IPS1 (Sen and Sarkar, 2005).Present in T-cells, monocytes, epithelial cells and hepatocytes (at protein level). Ubiquitously expressed, with highest levels in heart, skeletal muscle, liver, placenta and peripheral blood leukocytes.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	330688443
NCBI GeneID	57506
NCBI Accession #	NP_001193420.1
NCBI GenBank Nucleotide #	NP_001193420.1
UniProt Accession #	Q7Z434
NCBI Official Full Name	mitochondrial antiviral-signaling protein isoform 2
NCBI Official Synonym Full Names	mitochondrial antiviral signaling protein
NCBI Official Symbol	MAVS
NCBI Official Synonym Symbols	IPS1; VISA; IPS-1; CARDIF
NCBI Protein Information	mitochondrial antiviral-signaling protein
UniProt Protein Name	Mitochondrial antiviral-signaling protein
UniProt Gene Name	MAVS
UniProt Synonym Gene Names	IPS1; KIAA1271; VISA; MAVS; Cardif; IPS-1; VISA
UniProt Entry Name	MAVS_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/mitochondrial-antiviral-signaling-protein-mavs/331856>