

Human RRNA Methyltransferase 1, Mitochondrial (MRM1) ELISA Kit | MRM1 elisa kit

Human RRNA Methyltransferase 1, Mitochondrial (MRM1) ELISA Kit

CATALOG #
AAA331694

REACTIVITY
Human

PRODUCT SYNONYMS

RRNA Methyltransferase 1; Mitochondrial (MRM1); Human RRNA Methyltransferase 1; Mitochondrial (MRM1) ELISA Kit; MRM1; FLJ22578; mitochondrial rRNA methyltransferase 1 homolog; MRM1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human RRNA methyltransferase 1, mitochondrial (MRM1) ELISA Kit has high sensitivity and excellent specificity for detection of Human MRM1. No significant cross-reactivity or interference between Human MRM1 and analogues was observed.
Sequence Length	353
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 RRNA methyltransferase 1, mitochondrial (MRM1) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for MRM1 elisa kit	Description: This Human RRNA methyltransferase 1, mitochondrial (MRM1) ELISA Kit employs a two-site sandwich ELISA to quantitate MRM1 in samples. An antibody specific for MRM1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MRM1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MRM1 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 MRM1 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: MRM1 (Mitochondrial RRNA Methyltransferase 1) is a Protein Coding gene. Among its related pathways are rRNA processing in the mitochondrion and rRNA processing in the nucleus and cytosol. GO annotations related to this gene include poly(A) RNA binding and methyltransferase activity. S-adenosyl-L-methionine-dependent 2-O-ribose methyltransferase that catalyzes the formation of 2-O-methylguanosine at position 1145 (Gm1145) in the 16S mitochondrial large subunit ribosomal RNA (mtLSU rRNA), a universally conserved modification in the peptidyl transferase domain of the mtLSU rRNA.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	40068479
NCBI GeneID	79922
NCBI Accession #	NP_079140.2
NCBI GenBank Nucleotide #	NP_079140.2
UniProt Accession #	Q6IN84
NCBI Official Full Name	rRNA methyltransferase 1, mitochondrial
NCBI Official Synonym Full Names	mitochondrial rRNA methyltransferase 1
NCBI Official Symbol	MRM1
NCBI Protein Information	rRNA methyltransferase 1, mitochondrial
UniProt Protein Name	rRNA methyltransferase 1, mitochondrial
UniProt Gene Name	MRM1
UniProt Entry Name	MRM1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/rrna-methyltransferase-1-mitochondrial-mrm1/331694>