

Putative Humanin Peptide (MT-RNR2) ELISA Kit | MT-RNR2 elisa kit

Human Putative Humanin Peptide (MT-RNR2) ELISA Kit

CATALOG #
AAA331636

REACTIVITY
Human

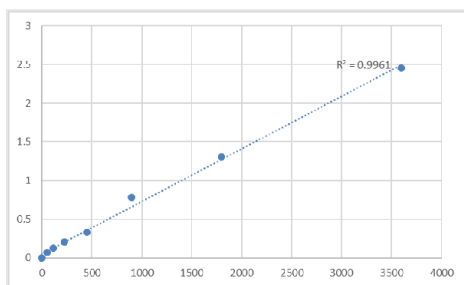
PRODUCT SYNONYMS

Putative Humanin Peptide (MT-RNR2); Human Putative Humanin Peptide (MT-RNR2) ELISA Kit; MT-RNR2; MTRNR2; MT-RNR2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Putative Humanin peptide (MT-RNR2) ELISA Kit has high sensitivity and excellent specificity for detection of Human MT-RNR2. No significant cross-reactivity or interference between Human MT-RNR2 and analogues was observed.
Sequence Length	24
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 Putative Humanin peptide (MT-RNR2) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for MT-RNR2 elisa kit	Description: This Human Putative Humanin peptide (MT-RNR2) ELISA Kit employs a two-site sandwich ELISA to quantitate MT-RNR2 in samples. An antibody specific for MT-RNR2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MT-RNR2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MT-RNR2 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 MT-RNR2 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: MT-RNR2 (Mitochondrially Encoded 16S RNA) is an RNA Gene, and is affiliated with the non-coding RNA class. Among its related pathways are Apoptosis and survival_Regulation of Apoptosis by Mitochondrial Proteins and Viral mRNA Translation. Plays a role as a neuroprotective factor. Protects against death induced by multiple different familial Alzheimer disease genes and beta amyloid proteins in Alzheimer disease. Suppresses apoptosis by binding to BAX and preventing the translocation of BAX from the cytosol to mitochondria. Binds to IGFBP3 and specifically blocks IGFBP3-induced cell death Induces chemotaxis of mononuclear phagocytes via FPR2. Reduces the aggregation and fibrillary formation by suppressing the effect of APP on mononuclear phagocytes and acts by competitively inhibiting the access of FPRL1 to APP.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	52783077
UniProt Accession #	Q8IVG9
NCBI Official Full Name	Humanin
UniProt Protein Name	Humanin
UniProt Gene Name	MT-RNR2
UniProt Entry Name	HUNIN_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.