

Putative Humanin peptide ELISA Kit | MT-RNR2 elisa kit

Human Putative Humanin peptide (MT-RNR2) ELISA Kit

CATALOG #
AAA55509

REACTIVITY
Human

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay 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.
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	31.25 pg/mL - 2000 pg/mL
Sensitivity	15.6 pg/mL (mean of 6 independent assays)
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for MT-RNR2 elisa kit

Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate MT-RNR2 in Human serum, plasma. 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 Humanradish 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.

Intended Uses: For the quantitative detection of Human Putative Humanin peptide (MT-RNR2) concentration in serum, plasma and other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	52783077
NCBI GeneID	4550
UniProt Accession #	Q8IVG9
Molecular Weight	2,687 Da
NCBI Official Full Name	Humanin

NCBI Official Synonym Full Names	mitochondrially encoded 16S RNA
NCBI Official Symbol	MT-RNR2
NCBI Official Synonym Symbols	MTRNR2; RNR2
UniProt Protein Name	Humanin
UniProt Gene Name	MT-RNR2
UniProt Synonym Gene Names	HNM

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://www.aaabiotech.com/mt-rnr2-human-elisa-kits/putative-humanin-peptide/55509>