

Putative humanin peptide ELISA Kit | MT-RNR2 elisa kit

Human Putative humanin peptide ELISA Kit

CATALOG #
AAA17084

REACTIVITY
Human

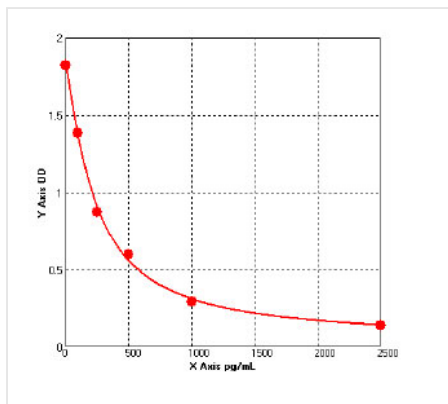
PRODUCT SYNONYMS

Putative humanin peptide; Human Putative humanin peptide ELISA Kit; MT-RNR2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of PHP. No significant cross-reactivity or interference between PHP and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between PHP and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MT-RNR2 elisa kit	Principle of the Assay: PHP ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-PHP antibody and an PHP-HRP conjugate. The assay sample and buffer are incubated together with PHP-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the PHP concentration since PHP from samples and PHP-HRP conjugate compete for the anti-PHP antibody binding site. Since the number of sites is limited, as more sites are occupied by PHP from the sample, fewer sites are left to bind PHP-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PHP concentration in each sample is interpolated from this standard curve. Intended Uses: This PHP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human PHP. This ELISA kit for research use only, not for therapeutic or diagnostic applications!
Product Categories/Family for MT-RNR2 elisa kit	Neurobiology
References	Humanin skeletal muscle protein levels increase after resistance training in men with impaired glucose metabolism. Eva?Karin Gidlund, Ferdinand von Walden, Mika Venojärvi, Ulf Risérus, Olli J. Heinonen, Jessica Norrbom, Carl Johan Sundberg (2016)

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/17084>