

Humanin-like protein 6 ELISA Kit | MTRNR2L6 elisa kit

Human Humanin-like protein 6 ELISA Kit

CATALOG #
AAA98337

REACTIVITY
Human

PRODUCT SYNONYMS

Humanin-like protein 6; Human Humanin-like protein 6 ELISA Kit; MTRNR2L6/Humanin-like protein 6/HN6/MT-RNR2-like protein 6; MTRNR2L6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of MTRNR2L6. No significant cross-reactivity or interference between MTRNR2L6 and analogues was observed.
Assay Type	Competitive ELISA, Coated with Antigen
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level MTRNR2L6 were tested 20 times on one plate, respectively. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level MTRNR2L6 were tested on 3 different plates, 8 replicates in each plate. CV (%) = SD/meanX100. Inter-Assay: CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES

Typical Data & Standard Curve

Results of a typical standard run of a MTRNR2L6 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A/not applicable)

X	ng/ml	0	0.312	0.625	1.25	2.5	5	10	20
Y	OD450	2.196	1.636	1.204	0.987	0.706	0.461	0.319	0.197

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MTRNR2L6 elisa kit

Principle of the Assay: This ELISA kit uses Competitive-ELISA as the method. The microtiter plate provided in this kit has been pre-coated with an antibody specific to MTRNR2L6. During the reaction, MTRNR2L6 in the sample or standard competes with a fixed amount of biotin-labeled MTRNR2L6 for sites on a pre-coated Monoclonal antibody specific to MTRNR2L6. Excess conjugate and unbound sample or standard are washed from the plate, and HRP-Streptavidin Conjugate (SABC) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. The concentration of MTRNR2L6 in the samples is then determined by comparing the OD. of the samples to the standard curve.

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.

