

Human HCRT2 (Orexin receptor type 2) ELISA Kit | HCRT2 elisa kit

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CATALOG #
AAA249330

REACTIVITY
Human

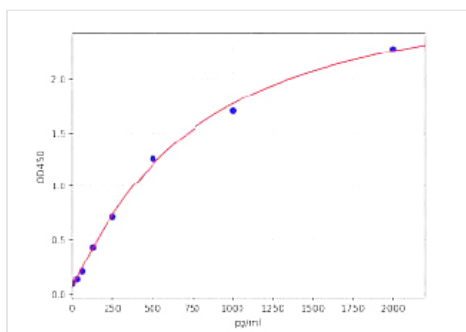
PRODUCT SYNONYMS

HCRT2 (Orexin receptor type 2); Human HCRT2 (Orexin receptor type 2) ELISA Kit; Orexin receptor type 2; Ox-2-R; Ox2-R; Ox2R; Hypocretin receptor type 2; HCRT2; HCRT2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of HCRT2. No significant cross-reactivity or interference between HCRT2 and analogues was observed.
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	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



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HCRT2 elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	206729885
NCBI GeneID	3062
UniProt Accession #	O43614; Q5VTM0
Molecular Weight	444
NCBI Official Full Name	Orexin receptor type 2
NCBI Official Synonym Full Names	hypocretin (orexin) receptor 2
NCBI Official Symbol	HCRT2
NCBI Official Synonym Symbols	OX2R
NCBI Protein Information	orexin receptor type 2; ox2-R; ox-2-R; orexin type-2 receptor; hypocretin receptor type 2
UniProt Protein Name	Orexin receptor type 2
UniProt Gene Name	HCRT2
UniProt Synonym Gene Names	Ox-2-R; Ox2-R; Ox2R
UniProt Entry Name	OX2R_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.

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Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/hcrt2-orexin-receptor-type-2/249330>