

Mouse Orexin receptor type 2 ELISA Kit | HCRTR2 elisa kit

Mouse Orexin receptor type 2 (HCRTR2) ELISA Kit

CATALOG #
AAA22705

REACTIVITY
Mouse

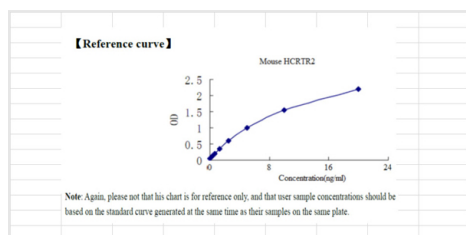
PRODUCT SYNONYMS

Orexin receptor type 2; Mouse Orexin receptor type 2 (HCRTR2) ELISA Kit; HCRTR2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	No cross-reaction with other factors.
Sequence Length	444
Assay Type	Sandwich
Detection Range	20 ng/mL-0.312 ng/mL
Sensitivity	Up to 0.06 ng/mL
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



ADDITIONAL INFORMATION

Related Product Information for HCRTR2 elisa kit

Principle of the Assay: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Mouse HCRTR2 monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

[222080109](#)

NCBI GeneID	3062
NCBI Accession #	NP_001517.2
NCBI GenBank Nucleotide #	NM_001526.3
Molecular Weight	50,694 Da
NCBI Official Full Name	orexin receptor type 2
NCBI Official Synonym Full Names	hypocretin receptor 2
NCBI Official Symbol	HCRT2
NCBI Official Synonym Symbols	OX2R
NCBI Protein Information	orexin 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/hcrt2-mouse-elisa-kits/orexin-receptor-type-2/22705>