

Rat Orexin A ELISA Kit | HCRT elisa kit

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CATALOG #
AAA12736

REACTIVITY
Rat

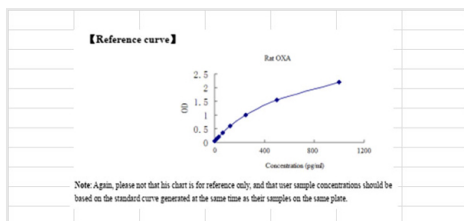
PRODUCT SYNONYMS

Orexin A; Rat Orexin A ELISA Kit; HCRT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	No cross-reaction with other factors.
Sequence Length	131
Assay Type	Sandwich
Detection Range	1000 pg/mL-15.6 pg/mL
Sensitivity	Up to 5 pg/mL
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HCRT 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-Rat OXA 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 #	4557635
NCBI GeneID	3060

NCBI Accession #	NP_001515.1
NCBI GenBank Nucleotide #	NM_001524.1
Molecular Weight	13,363 Da
NCBI Official Full Name	orexin
NCBI Official Synonym Full Names	hypocretin (orexin) neuropeptide precursor
NCBI Official Symbol	HCRT
NCBI Official Synonym Symbols	OX; PPOX; NRCLP1
NCBI Protein Information	orexin; prepro-orexin
UniProt Protein Name	Orexin
UniProt Gene Name	HCRT
UniProt Synonym Gene Names	OX; PPORX; PPOX; Hcrt; Hcrt1; Hcrt2
UniProt Entry Name	OREX_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/rat-elisa-kits/orexina/12736>