

Rat OXTR (Oxytocin receptor) ELISA Kit | OXTR elisa kit

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CATALOG #
AAA248667

REACTIVITY
Rat

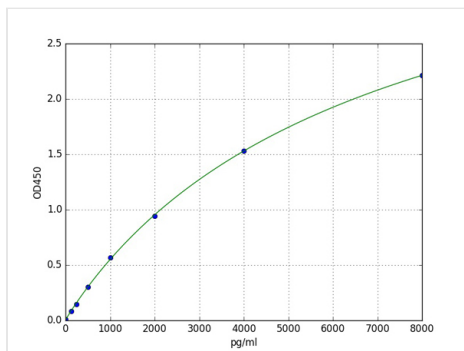
PRODUCT SYNONYMS

OXTR (Oxytocin receptor); Rat OXTR (Oxytocin receptor) ELISA Kit; Oxytocin receptor; OXTR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	389
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	125-8000pg/ml
Sensitivity	75pg/ml
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 OXTR elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-OXTR antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-OXTR antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash 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 OXTR amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of OXTR can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

32307152

NCBI GeneID	5021
NCBI Accession #	NP_000907.2
NCBI GenBank Nucleotide #	NM_000916.3
UniProt Accession #	P30559; Q15071
Molecular Weight	42,772 Da
NCBI Official Full Name	oxytocin receptor
NCBI Official Synonym Full Names	oxytocin receptor
NCBI Official Symbol	OXTR
NCBI Official Synonym Symbols	OT-R
NCBI Protein Information	oxytocin receptor
UniProt Protein Name	Oxytocin receptor
UniProt Gene Name	OXTR
UniProt Synonym Gene Names	OT-R

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/oxtr-oxytocin-receptor/248667>