

Rat oxytocin ELISA Kit | OT elisa kit

Rat oxytocin, OT ELISA Kit

CATALOG #
AAA14971

REACTIVITY
Rat

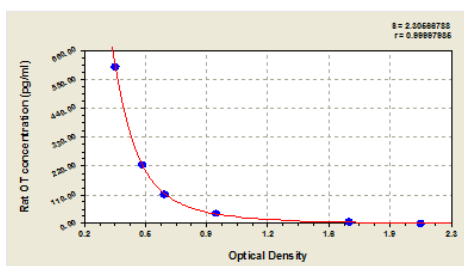
PRODUCT SYNONYMS

oxytocin; Rat oxytocin; OT ELISA Kit; OT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat OT. No significant cross-reactivity or interference between rat OT and analogues was observed.
Sequence Length	126
Assay Type	Competitive
Samples	Serum, plasma
Detection Range	7.5 pg/ml-600 pg/ml
Sensitivity	< 9.375 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<15%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<15%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for OT elisa kit

Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with goat-anti-rabbit antibody. Standards or samples are added to the appropriate microtiter plate wells with an antibody specific for OT and Horseradish Peroxidase (HRP) conjugated OT. The competitive inhibition reaction is launched between with HRP labeled OT and unlabeled OT with the antibody. A substrate solution is added to the wells and the color develops in opposite to the amount of OT in the sample. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	300675592
UniProt Accession #	E2GI53
Molecular Weight	13,427 Da
NCBI Official Full Name	oxytocin
UniProt Protein Name	Oxytocin
UniProt Gene Name	Oxt
UniProt Entry Name	E2GI53_MESAU

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://stage.aaabiotech.com/ot-rat-elisa-kits/oxytocin/14971>