

Human oxytocin, OT ELISA Kit | OT elisa kit

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CATALOG #
AAA15447

REACTIVITY
Human

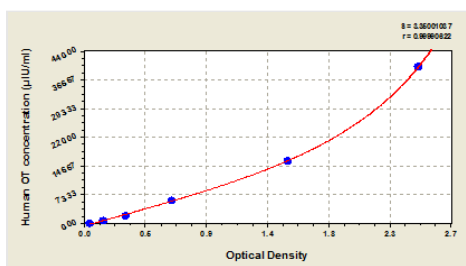
PRODUCT SYNONYMS

oxytocin; OT; Human oxytocin; OT ELISA Kit; OT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human OT. No significant cross-reactivity or interference between human OT and analogues was observed.
Sequence Length	126
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	8 uIU/ml-400 uIU/ml
Sensitivity	< 10 uIU/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 quantitative sandwich enzyme immunoassay technique. Antibody specific for OT has been pre-coated onto a microplate. Standards and samples are pipetted into the wells with a Horseradish Peroxidase (HRP) conjugated antibody specific for OT. Following a wash to remove any unbound reagent, a substrate solution is added to the wells and color develops in proportion to the amount of OT bound in the initial step. 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/human-elisa-kits/oxytocin-ot/15447>