

Bovine Oxytocin-neurophysin 1 (OXT) ELISA Kit | OXT elisa kit

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CATALOG #
AAA181419

REACTIVITY
Bovine

PRODUCT SYNONYMS

Oxytocin-neurophysin 1 (OXT); Bovine Oxytocin-neurophysin 1 (OXT) ELISA Kit; OXT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Sequence Length	125
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



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for OXT 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-Bovine OXT 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 #	4505537
NCBI GeneID	5020
NCBI Accession #	NP_000906.1
NCBI GenBank Nucleotide #	NM_000915.3

Molecular Weight	12,722 Da
NCBI Official Full Name	oxytocin-neurophysin 1 preproprotein
NCBI Official Synonym Full Names	oxytocin/neurophysin I prepropeptide
NCBI Official Symbol	OXT
NCBI Official Synonym Symbols	OT; OT-NPI; OXT-NPI
NCBI Protein Information	oxytocin-neurophysin 1
UniProt Protein Name	Oxytocin-neurophysin 1
UniProt Gene Name	OXT
UniProt Synonym Gene Names	OT; OT-NPI
UniProt Entry Name	NEU1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/bovine-ovine-elisa-kits/oxytocin-neurophysin-1-oxt/181419>