

General OT (Oxytocin) ELISA Kit | OT elisa kit

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CATALOG #
AAA270359

REACTIVITY
General

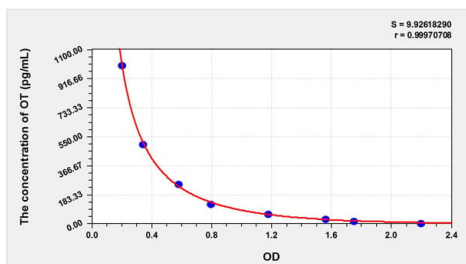
PRODUCT SYNONYMS

OT (Oxytocin); General OT (Oxytocin) ELISA Kit; Pitocin; Syntocinon; OT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	General
Samples	serum, plasma and other biological fluids
Assay Type	Competitive
Detection Range	15.63-1000 pg/mL
Sensitivity	5.51 pg/mL
Intra-assay Precision	CV%<8%
Inter-assay Precision	CV%<10%
Preparation and Storage	Store at 2-8 degree C. Stable for 6 months from date of receipt.

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 Oxytocin(OT) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Oxytocin(OT). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of Oxytocin(OT) in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for OT elisa kit

[Reproductive science](#)

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.

