

Human Oxytocin ELISA Kit

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CATALOG #
AAA124470

REACTIVITY
Human

PRODUCT SYNONYMS

Oxytocin; Human Oxytocin ELISA Kit; Oxytocin elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Competitive
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
Detection Range	2-600pg/ml
Sensitivity	1.06pg/ml
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

ADDITIONAL INFORMATION

Related Product Information for Oxytocin elisa kit

Intended Use: This competitive ELISA kit is for the quantification of Oxytocin(also known as OXT) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

Assay Principle: This kit is a Enzyme-Linked Immunosorbent Assay (ELISA). Add samples to the pre-coated plate. Then add biotinylated antigen. The antigens in the samples compete with the biotinylated antigen to bind to the capture antibody and incubate. Unbound antigen is washed away during a washing step. An avidin-HRP is then added and then incubate. Unbound avidin-HRP is washed away during a washing step. TMB Substrate is then added and color develops. The reaction is stopped by addition of acidic stop solution and color changes into yellow that can be measured at 450 nm. The intensity of the color developed is inversely proportional to the concentration of OXT in the sample. The concentration of OXT in the sample is then determined by comparing the O.D. of the samples to the standard curve.

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/human-elisa-kits/oxytocin/124470>