

Datasheet for ABIN5523554

**Oxytocin ELISA Kit****1** Image[Go to Product page](#)

## Overview

Quantity:	96 tests
Target:	Oxytocin (OXT)
Reactivity:	Human
Method Type:	Competition ELISA
Detection Range:	15.625 pg/mL - 1000 pg/mL
Minimum Detection Limit:	15.625 pg/mL
Application:	ELISA

## Product Details

Purpose:	For quantitative detection of OT in serum, plasma, tissue homogenates.
Sample Type:	Plasma, Serum, Tissue Homogenate
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	This assay has high sensitivity and excellent specificity for detection of OT. No significant cross-reactivity or interference between OT and analogues was observed. Note: Limited by current skills and knowledge, it is difficult for us to complete the cross-reactivity detection between OT and all the analogues, therefore, cross reaction may still exist.
Sensitivity:	9.375 pg/mL
Components:	<ul style="list-style-type: none"><li>• Pre-coated, ready to use 96-well strip plate</li><li>• Plate sealer for 96 wells</li><li>• Lyophilized Standard</li></ul>

## Product Details

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- Standard Dilution Buffer
- Biotin-labeled Antibody (Lyophilized)
- Purified water
- Antibody Dilution Buffer
- HRP-Streptavidin Conjugate (SABC)
- SABC Dilution Buffer
- TMB Substrate
- Stop Solution
- Wash Buffer (25 x concentrate)
- Instruction manual

## Target Details

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Target: Oxytocin (OXT)

Alternative Name: Oxytocin ([OXT Products](#))

Target Type: Hormone

Background: OT(Oxytocin)

UniProt: [P01178](#)

Pathways: [Myometrial Relaxation and Contraction](#), [Feeding Behaviour](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

Comment: Competitive ELISA, Coated with Antigen

Sample Volume: 50 µL

Plate: Pre-coated

Restrictions: For Research Use only

## Handling

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Storage: 4 °C

Storage Comment:

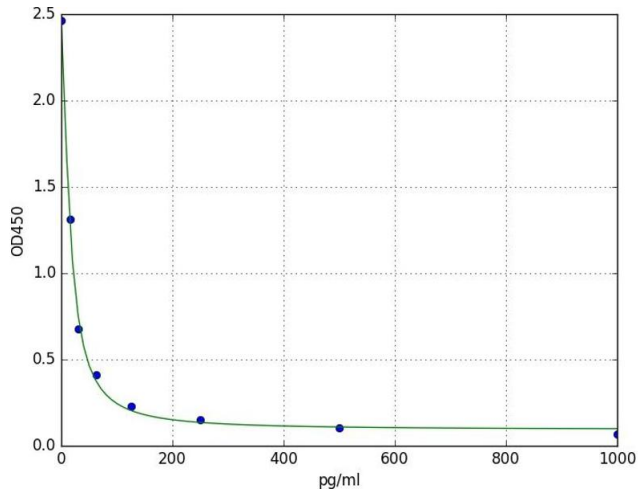
1. For unopened kit: All the reagents should be kept according to the labels on vials. The Reference Standard and the 96-well stripe plate should be stored at -20 °C upon receipt while the other reagents should be stored at 4 °C.
2. For used kit: When the kit is used, the remaining reagents need to be stored according to the above storage condition. Besides, please return the unused wells to the foil pouch containing

## Handling

the desiccant pack, and zip-seal the foil pouch.

Expiry Date: 6 months

## Images



### ELISA

**Image 1.** A typical standard curve