

Oxytocin ELISA kit

Cat. No. GTX04639

实验应用	ELISA
种属反应	Species independent

Package
96 test

产品说明

Content

Content	Package	Storage
Assay plate	1 plate	-20 °C
Standards	2 vials	-20 °C
Sample Diluent	20ml	Please see the label of the vial
Assay Diluent A	10ml	Please see the label of the vial
Assay Diluent B	10ml	Please see the label of the vial
Detection Reagent A	60µl	-20 °C
Detection Reagent B	120µl	-20 °C
25 x concentrated Wash Buffer	30ml	Please see the label of the vial
Substrate	10ml	4 °C
Stop Solution	10ml	Please see the label of the vial
Plate sealer	5 strips	Room temperature

摘要

This immunoassay kit allows for the in vitro quantitative determination of general Oxytocin concentrations in serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids.

The ELISA is based on the competitive binding enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Oxytocin. During the reaction, Oxytocin in the sample or standard competes with a fixed amount of biotin-labeled Oxytocin for sites on a pre-coated Monoclonal antibody specific to Oxytocin. Excess conjugate and unbound sample or standard are washed from the plate. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm \pm 2 nm. The concentration of Oxytocin in the samples is then determined by comparing the O.D. of the samples to the standard curve.

Detect Range : 0.156-10 ng/ml
Sample Type : Serum, plasma, tissue homogenates and other biological fluids.
Sample Volume : 100ul
Assay Time : 3-5h
Detection wavelength : 450 nm

实验应用

应用说明



For full product information, images and publications, please visit our [website](#).

*最佳稀释倍数与浓度应由研究人员确认

Suggested dilution	Recommended dilution
ELISA	Assay dependent

以下为常规应用缩写的中文注解

WB: 免疫印迹

ICC/IF: 细胞染色

IHC-P: 石蜡切片

IHC-Fr: 冰冻切片

属性

存放说明

The Assay Plate, Standard, Detection Reagent A and Detection Reagent B should be stored at -20°C upon being received. After receiving the kit, Substrate should be always stored at 4°C. Other reagents are kept according to the labels on vials. But for long term storage, please keep the whole kit at -20°C (Except the substrate). The unused strips should be kept in a sealed bag with the desiccant provided to minimize exposure to damp air. The test kit may be used throughout the expiration date of the kit (six months from the date of manufacture). Opened test kits will remain stable until the expiring date shown, provided it is stored as prescribed above.

注意事项

仅供实验室使用。不适用于人类或动物的任何临床、治疗或诊断用途。不适合动物或人类食用。



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