# General Oxtc/Oxytocin ELISA Kit

E45K00794

**Catalog Number:**E45K00794

**Species Reactivity:**General

**Storage:**Store at +4°C. Please refer to protocols.

**Cite ID#:**EN5521244

**Type:**General ELISA Kits

**Description:**General Oxtc/Oxytocin ELISA Kit is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit designed for the quantitative measurement of Oxtc in biological samples. Our rigorously validated, ready-to-go General Oxtc/Oxytocin ELISA Kit use a simple protocol that easily integrates into your current processes, allowing you to rapidly and accurately detect Oxtc in your samples. Appropriate sample types may include Cell Culture Supernates, Serum, Platelet-poor EDTA Plasma, Platelet-poor Heparin Plasma, Urine. Precision Intra-Assay Precision (Precision within an assay): Three samples of known concentration were tested several times on one plate to assess intra-assay precision. Inter-Assay Precision (Precision between assays): Three samples of known concentration were tested in several separate assays to assess inter-assay precision. Assays were performed by at least two technicians using two lots of components.

**Assay type:**Competitive

**Detection principle:**Spectrophotometrical

**Sample type:**This immunoassay kit allows for the in vitro quantitative determination in Serum, plasma, tissue homogenates, cell culture supernates and other biological fluids.

**Sensitivity:**9.4 pg/mL

**Assay range:**31.2-2000 pg/mL

**Kit components:**Assay Plate, Standard, Sample Diluent, Assay Diluent A&B, Detection Reagent A&B, Wash Buffer, Substrate, Stop Solution.

**Other reagents required:**Deionized or distilled water

**Gene Name:**Oxtc

**Function:**Oxytocin is a mammalian hormone that acts primarily as a neuromodulator in the brain. Oxytocin is best known for its roles in sexual reproduction, in particular during and after childbirth. It is released in large amounts after distension of the cervix and uterus during labor, facilitating birth, and after stimulation of the nipples, facilitating breastfeeding.

## For Research Use Only

**Form:**ELISA Kits

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