



## Rat estrogen receptor (ER) ELISA kit

<b>Cat. No.:</b>	OB0625WXX-720
<b>Assay Type:</b>	Quantitative ELISA
<b>Target Species:</b>	Rat
<b>Assay Target:</b>	ER
<b>Size:</b>	48T; 96T

This product is for research use only and is not intended for diagnostic use.

### Product Overview

<b>Description</b>	Rat estrogen receptor (ER) ELISA kit is an ELISA-based <i>in vitro</i> research tool designed specifically for the quantitative detection of ER in rat. The kit is highly specific, sensitive, and easy to use.
<b>Assay Principle</b>	The kit is based on an ER antibody-ER antigen interaction (immunosorbent) and an HRP colorimetric detection system to detect ER antigen targets in samples.
<b>Background</b>	ER is a ligand-activated transcription factor composed of several domains important for hormone binding, DNA binding, and activation of transcription. Estrogens and their receptors play roles in sexual development, reproductive functions, bone, and other tissues. ERs are associated with various pathological processes.
<b>Synonyms</b>	Estradiol receptor; Oestrogen receptor; Receptors, Estrogen
<b>Formula Weight</b>	66,216 Da
<b>Applications</b>	Rat estrogen receptor (ER) ELISA kit is an important tool for the quantitative detection of ER in various biological samples of rats.
<b>Research Area</b>	Endocrinology

### Specification

<b>Sample Type</b>	Rat samples
<b>Cross-reactivity</b>	No significant cross-reactivity or interference was observed.
<b>Storage</b>	Store at 2-8°C.