



## Mouse estrogen (E) ELISA kit

<b>Cat. No.:</b>	OB0625WXX-740
<b>Assay Type:</b>	Quantitative sandwich ELISA
<b>Target Species:</b>	Mouse
<b>Assay Target:</b>	E
<b>Size:</b>	48T; 96T

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

### Product Overview

<b>Description</b>	Mouse estrogen (E) ELISA kit is an ELISA-based <i>in vitro</i> research tool designed specifically for the quantitative detection of E in mouse with a range of 6.25-200 pg/mL and a specificity of 1.0 pg/mL.
<b>Assay Principle</b>	The kit is based on an E antibody-E antigen interaction (immunosorbent) and an HRP colorimetric detection system to detect E antigen targets in samples.
<b>Background</b>	Estrogen is a steroid hormone primarily known as the main female sex hormone, crucial for reproductive development and function, though it also influences many other tissues and processes in both men and women.
<b>Synonyms</b>	Oestrogen
<b>Formula Weight</b>	66,216 Da
<b>Applications</b>	Mouse estrogen (E) ELISA kit is used to quantify E in mouse samples, providing data to support a wide range of studies.
<b>Research Area</b>	Reproductive science

### Specification

<b>Sample Type</b>	Mouse samples
<b>Detection Range</b>	6.25-200 pg/mL
<b>Sensitivity</b>	1.0 pg/mL
<b>Precision (Intra-assay)</b>	CV<15%
<b>Precision (Inter-assay)</b>	CV<15%



**Cross-reactivity**

No significant cross-reactivity or interference was observed.

**Storage**

Store at 2-8°C.