

Product Datasheet

Human Estradiol ELISA Kit (Colorimetric) KA0234

Unit Size: 1 Kit

Store at 4C.

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Publications: 4

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KA0234**Human Estradiol ELISA Kit (Colorimetric)****Product Information**

Unit Size	1 Kit
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Store at 4C.

Product Description

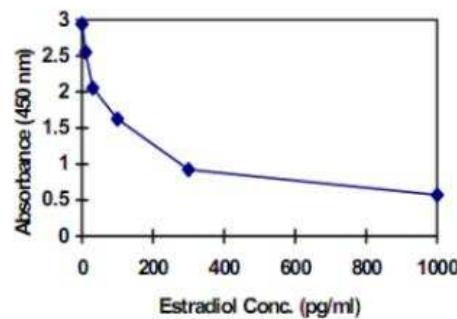
Description	Quality control test: Standard curve. Estradiol (Human) ELISA Kit is a competitive enzyme immunoassay for the quantitative measurement of estradiol.
Species	Human
Kit Components	Goat Anti-Rabbit IgG-coated microtiter wells, Estradiol Reference Standards: 0, 10, 30, 100, 300, and 1000 pg/mL. Liquid, ready to use, Rabbit Anti-Estradiol Reagent (pink color), Estradiol-HRP Conjugate Reagent (blue color), Estradiol Control 1, Liquid, Ready to use, Estradiol Control 2, Liquid, Ready to use, Estradiol Control 2, Liquid, Ready to use 0.5 mL TMB Reagent (One-Step), Stop Solution (1N HCl)
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Standard Curve Range	10 to 1000 pg/mL
Sensitivity	10 pg/mL
Inter Assay	CV% < 12.50%
Intra Assay	CV% < 10.85%
Assay Type	competitive ELISA
Spiking Recovery	101.30%
Suitable Sample Type	Serum
Sample Volume	25 uL

Product Application Details

Applications	ELISA, Quantification
Recommended Dilutions	ELISA, Quantification
Application Notes	Useful for quantification.

Images

ELISA: Estradiol ELISA Kit [HRP] [KA0234] - Standard curve



Publications

Baltgalvis KA, Greising SM, Warren GL, Lowe DA. Estrogen regulates estrogen receptors and antioxidant gene expression in mouse skeletal muscle. *PLoS One*. 2010-04-13 [PMID: 20405008]

Greising SM, Baltgalvis KA, Kosir AM et al. Estradiol's beneficial effect on murine muscle function is independent of muscle activity. *J Appl Physiol*. 2010-10-21 [PMID: 20966194]

Greising SM, Carey RS, Blackford JE et al. Estradiol treatment, physical activity, and muscle function in ovarian-senescence mice. *Exp Gerontol*. 2011-05-04 [PMID: 21570459]

O'Leary CB, Lehman C, Koltun K et al. Response of testosterone to prolonged aerobic exercise during different phases of the menstrual cycle. *Eur J Appl Physiol*. 2013-06-28 [PMID: 23812088]





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. ELISA Kits are guaranteed for 6 months from date of receipt.

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