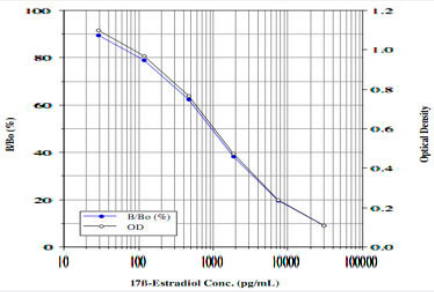
Estradiol ELISA Kit

Catalog # KA0297 Size 1 Kit

Applications



The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

Specification

Product Description	17 beta-Estradiol ELISA Kit is a competitive immunoassay for the quantitative determination of 17 beta-Estradiol in biological samples.
Suitable Sample	Saliva and Tissue culture media
Sample Volume	100 uL
Label	AP-conjugate
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	29.3 to 30000 pg/mL
Limit of Detection	28.5 pg/mL
Regulation Status	For research use only (RUO)
Quality Control Testing	Standard curve The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.
Storage Instruction	Store the kit at 4°C.

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Applications

- Quantification

Publication Reference

- Environmentally relevant doses of endocrine disrupting chemicals affect male fertility by interfering with sertoli cell glucose metabolism in mice.

  Elikanah Olusayo Adegoke, Md Saidur Rahman, Shehreen Amjad, Won-Ki Pang, Do-Yeal Ryu, Yoo-Jin Park, Mung-Geol Pang.

  Chemosphere 2023 Jun; 337:139277.

  Application: Quant, Mouse, Mouse serum

- Estrogenic impregnation alters pain expression: analysis through functional neuropeptidomics in a surgical rat model of osteoarthritis.

  Sokhna Keita-Alassane, Colombe Otis, Emilie Bouet, Martin Guillot, Marilyn Frezier, Alienor Delsart, Maxim Moreau, Agathe Bedard, Isabelle Gaumond, Jean-Pierre Pelletier, Johanne Martel-Pelletier, Francis Beaudry, Bertrand Lussier, Roger Lecomte, Serge Marchand, Eric Troncy

  Naunyn Schmiedebergs Arch Pharmacol 2022 6; 395(6):703-715.

- Estrogenic impregnation alters pain expression: analysis through functional neuropeptidomics in a surgical rat model of osteoarthritis.

  Sokhna Keita-Alassane, Colombe Otis, Emilie Bouet, Martin Guillot, Marilyn Frezier, Aliénor Delsart, Maxim Moreau, Agathe Bédard, Isabelle Gaumond, Jean-Pierre Pelletier, Johanne Martel-Pelletier, Francis Beaudry, Bertrand Lussier, Roger Lecomte, Serge Marchand, Eric Troncy.

  Naunyn-Schmiedeberg's Archives of Pharmacology 2022 Jun; 395(6):703.

  Application: Quant, Rat, Blood

- Anti-estrogenic activity of a human resveratrol metabolite.

  Ruotolo R, Calani L, Fietta E, Brighenti F, Crozier A, Meda C, Maggi A, Ottonello S, Del Rio D.

  Nutrition, Metabolism and Cardiovascular Diseases 2013 Nov; 23(11):1086.

  Application: ELISA, Yeast, Saccharomyces cerevisiae strain Y190 yeast

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