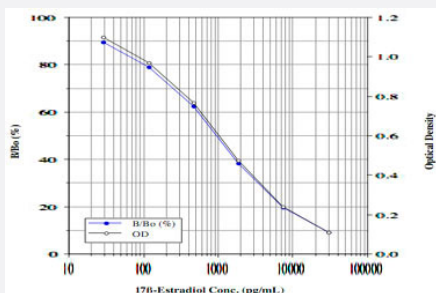


Estradiol ELISA Kit

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 b eta-Estradiol in biological and environmental 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 unknown s. A standard curve should be generated each time the assay is performed. |
| Storage Instruction | Store the kit at 4°C. |

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, 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