17β-Estradiol ELISA kit

Highly sensitive ELISA, measuring as little as 28.5 pg/ml of 17β-Estradiol in < 3 hours

The 17β-Estradiol ELISA kit is a colorimetric competitive enzyme immunoassay kit with results in < 3 hours. Absorbance is read at 405 nm. This kit offers specific and save non-radioactive quantification of estradiol with ready-to-use liquid color-coded reagents to reduce error.

Biologically active estrogen, 17β-estradiol, is an important sex hormone, but also makes an important contribution to the high concentrations of estrogens, which are present in malignant breast tissues.

Citations: 57 View Online »

Ordering Information

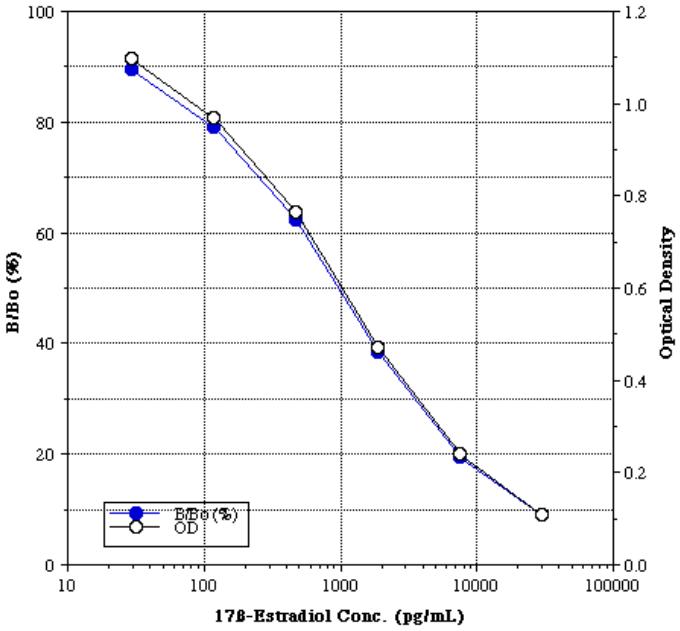
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ADI-900-008	96 wells

Manuals, SDS & CofA

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- Specific with low cross-reactivity to related steroids
- Safe and non-radioactive enzymatic assay
- Simple and color-coded reagents reduces error
- Reliable and reproducible results day-after-day and lot-after-lot
- Fully quantitative results that surpass semi-quantitative Western blot analysis


100
80
60
40
20
0
B/Bo (%)
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Optical Density
B/Bo(%)
OD
10
100
1000
10000
100000
17ß-Estradiol Conc. (pg/mL)

Handling & Storage

Long Term Storage +4°C

Shipping Blue Ice

Regulatory Status RUO - Research Use Only

Product Details

Alternative Name	Estrogen
Application	Colorimetric detection, ELISA
Application Notes	For the quantitative determination of 17β-Estradiol in culture supernatants and saliva from any species. For serum and plasma use ADI-900-174.
Compatibility	This product is compatible with the **Absorbance 96 Plate Reader**.
Contents	GxR IgG Microtiter plate, Conjugate, Antibody, Assay buffer 3, Wash buffer concentrate, Standard, pNpp Substrate, Stop solution
Sensitivity	28.5 pg/ml (range 29.3 – 30,000 pg/ml)
Species Reactivity	Species independent
Technical Info / Product Notes	**Cited samples:** Hormone ELISAs: Cited Samples Wildlife Endocrinology: Cited Sample Types
Wavelength	405 nm

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