17β-Estradiol high sensitivity ELISA kit

Highly sensitive ELISA, detecting as little as 14 pg/ml of 17β-Estradiol

The 17β-Estradiol (serum/plasma) EIA kit is a colorimetric competitive enzyme immunoassay kit with results in 3 hours.

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.

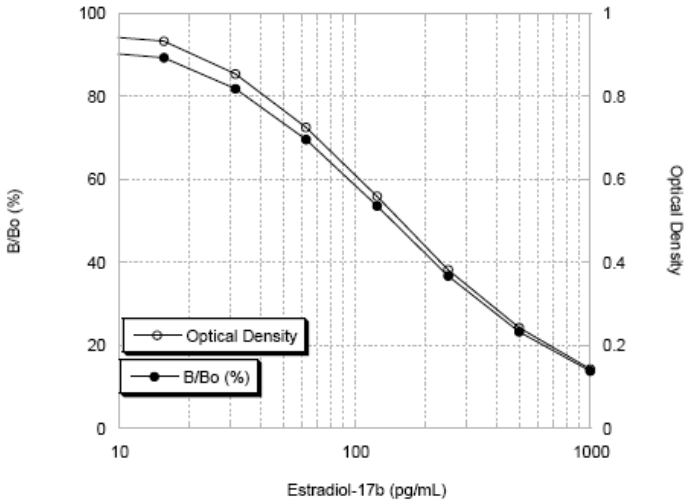
Citations: 81 View Online »

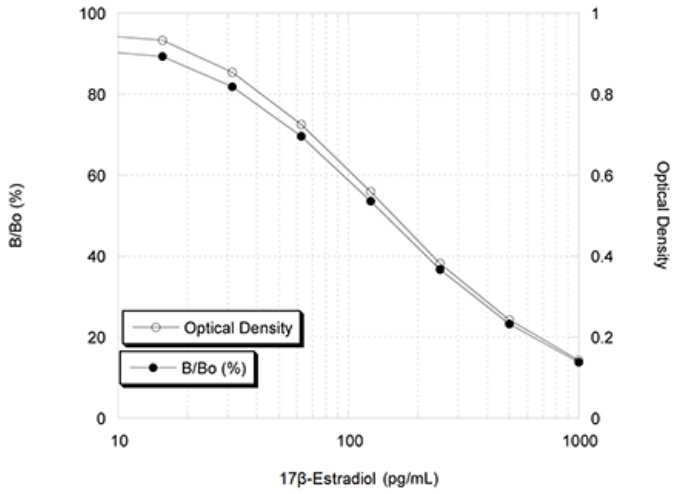
Ordering Information Order Online »

ADI-901-174	5x96 wells

Manuals, SDS & CofA View Online »

- Highly sensitive measurement, as little as 14 pg/ml
- Fast and reliable results from up to 37 samples in duplicate in just 3 hours
- Fully quantitative results that surpass semi-quantitative Western blot analysis
- Convenient pre-coated plate and color-coded reagents reduces errors
- Save with bulk kit package!


100
80
60
40
20
0
1
0.8
0.6
0.4
0.2
0
10
100
1000
B/Bo (%)
Optical Density
Optical Density
B/Bo (%)
Estradiol-17b (pg/mL)


100
80
60
40
20
0
1
0.8
0.6
0.4
0.2
0
10
100
1000
B/Bo (%)
Optical Density
Optical Density
B/Bo (%)
17β-Estradiol (pg/mL)

Handling & Storage

Use/Stability	The 17β-Estradiol Antibody and Conjugate are stable at -20°C. All other components of this kit are stable at +4°C until the kit's expiration date. The Antibody and Conjugate should be stored at -20°C upon receipt.
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 plasma and serum from any species.
Assay Time	3 hours
Compatibility	This product is compatible with the **Absorbance 96 Plate Reader**.
Contents	DxS Microtiter plate, Conjugate, Antibody, Assay buffer concentrate, Wash buffer concentrate, Standard, pNpp Substrate, Stop solution
Crossreactivity	17β-Estradiol (100%), Estrone (17.8)%, Estriol (0.9%), DHT (0.12%), Ethynylestradiol-7α (0.043%), Dehydroisoandroesterone (0.38%), Estradiol-17α (0.032%), Testosterone (0.01%), Progesterone (<0.001%), Danazol (<0.001%)
Sensitivity	14.0 pg/ml (range 15.6 – 1,000 pg/ml)
Species Reactivity	Species independent
Technical Info / Product Notes	**Cited samples:** Wildlife Endocrinology: Cited Sample Types
Wavelength	405 nm

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