



Estradiol

Catalog number

E3550-03A

Supplier

United States Biological

Estradiol is a steroid hormone secreted by developing follicles of the ovary. The determination of estradiol concentrations in the body fluids is of great value for endocrinological investigations in women. This antibody may also prove useful in identification of ovarian tumors.

Applications

Suitable for use in ELISA. Other applications not tested.

Recommended Dilutions

Optimal dilutions to be determined by the researcher.

Affinity Constant

1x10e10 L/mole

Storage and Stability

May be stored at 4°C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20°C. Aliquots are stable for 12 months after receipt. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

Immunogen

Estradiol-6-CMO-BSA

Formulation

Supplied as a liquid in PBS, pH 7.4, 0.09% sodium azide.

Purity

Purified by Protein A affinity chromatography from ascites

Specificity

Recognizes human Estradiol. Crossreactivity: 17-B-Estradiol, 100%; Estriol, 2.3%; Estrone, 0.17%; Testosterone, 0.01%; Androstenedione, Cortisone, Cortisol, Progesterone, Corticosterone, <0.005%.

Product Type

Mab

Isotype

IgG2a,k

Grade

Affinity Purified



Applications

E

Crossreactivity

Hu

Storage

-20°C