



# Mouse Anti-Estradiol monoclonal antibody, clone E12 (CABT-L2523)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

|                           |                                 |
|---------------------------|---------------------------------|
| <b>Specificity</b>        | Estradiol                       |
| <b>Immunogen</b>          | Estradiol with carrier protein  |
| <b>Isotype</b>            | IgG                             |
| <b>Source/Host</b>        | Mouse                           |
| <b>Species Reactivity</b> | N/A                             |
| <b>Clone</b>              | E12                             |
| <b>Purification</b>       | Purified from mouse ascites.    |
| <b>Conjugate</b>          | Unconjugated                    |
| <b>Applications</b>       | ELISA, LFIA                     |
| <b>Format</b>             | Liquid                          |
| <b>Concentration</b>      | Lot specific                    |
| <b>Size</b>               | 1 mg                            |
| <b>Buffer</b>             | PBS Wwith 0.03% Proclin 300     |
| <b>Preservative</b>       | None                            |
| <b>Storage</b>            | -20°C. Avoid Freeze/Thaw Cycles |

## BACKGROUND

**Introduction**

Estradiol is the most potent estrogen of a group of endogenous estrogen steroids which includes estrone and estriol. In women estradiol is responsible for growth of the breast and reproductive epithelia, maturation of long bones and development of the secondary sexual characteristics. Estradiol is produced mainly by the ovaries with secondary production by the adrenal glands and conversion of steroid precursors into estrogens in fat tissue.

**Keywords**

Aerodiol;Aerodiol;Estradiol 17beta;estradiol