



# 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

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