



# Estradiol (E2) [OVA] (DAG-WT180)

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

## PRODUCT INFORMATION

|                  |   |
|------------------|---|
| Product Overview | Estradiol conjugated with OVA                             |
| Purity           | > 95% (SDS-PAGE)  |
| Conjugate        | OVA   |
| Applications     | Immunoassays  |
| Format           | Liquid  |
| Size             | 1 mg  |
| Buffer           | PBS, pH 7.4   |
| Preservative     | None  |
| Storage          | Store at -20°C for long term. Avoid freeze / thaw cycles. |

## BACKGROUND

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|--------------|--|
| Introduction | Estradiol (E2), also spelled oestradiol, is an estrogen steroid hormone and the major female sex hormone. It is involved in the regulation of the estrous and menstrual female reproductive cycles. Estradiol is responsible for the development of female secondary sexual characteristics such as the breasts, widening of the hips, and a female-associated pattern of fat distribution and is important in the development and maintenance of female reproductive tissues such as the mammary glands, uterus, and vagina during puberty, adulthood, and pregnancy. |
| Keywords     | Estradiol; E2; Oestradiol; Steroid hormone   |