

## Estradiol -OVA conjugate

Catalog Number: CSB-MC00482b0105



<b>Product name</b>	Estradiol -OVA conjugate
<b>Product number</b>	CSB-MC00482b0105
<b>Synonyms</b>	Beta-estradiol, 17beta-estradiol, estrace, oestradiol, dihydrofolliculin, progynon, dihydroxyestrin, dihydrotheelin, diogynets
<b>Application</b>	ELISA, Immune colloidal gold, Immunochromatography
<b>Quality</b>	1mg
<b>Formation</b>	Dry powder
<b>Purification</b>	Dialysis
<b>Carrier protein</b>	Ovalbumin (OVA)
<b>Buffer</b>	0.01mol/L, pH 7.4 PBS
<b>Storage</b>	Short-term store at 4°C, Long-term store at -20°C. Avoid repeated freeze.
<b>Remarks</b>	For research use only
<b>Introduction</b>	Estradiol is the predominant female steroid hormone. And it is the predominant estrogen during reproductive years both in terms of absolute serum levels as well as in terms of estrogenic activity. Estradiol has not only a critical impact on reproductive and sexual functioning, but also affects other organs, including the bones.
<b>References</b>	[1] G. Mikhail, C.H. Wu, M. Ferin, R.L. Vande Wiele. Radioimmunoassay of plasma estrone and estradiol. <i>Steroids</i> .1970, 15(3): 333–352. [2] Homogeneous enzyme immunoassay of estradiol using estradiol-3-0-carboxymethyl ether as hapten. Tarun K. Dhar, Ajoy K. Samanta, Esahak Ali. <i>Steroids</i> .1988,51(5-6):519-526 [3] Jamila El Jabri. Enzyme immunoassay for plasma estradiol using a monoclonal antibody. <i>The Journal of Steroid Biochemistry and Molecular Biology</i> .1991,38(3):339-343.