



## Estriol-6 [BSA] (DAG2988)

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

### PRODUCT INFORMATION

<b>Product Overview</b>	Estriol, BSA-Conjugated
<b>Species</b>	N/A
<b>Conjugate</b>	BSA
<b>Applications</b>	immunoassay development or other applications.
<b>Format</b>	Liquid
<b>Concentration</b>	1.0 mg/mL
<b>Size</b>	1 mg
<b>Buffer</b>	Supplied in 0.015 M phosphate, 0.15 M NaCl, pH 7.2
<b>Preservative</b>	0.01% Sodium Azide
<b>Storage</b>	2-8°C short term, -20°C long term

### BACKGROUND

#### Introduction

Estriol is a hydroxylated metabolite of ESTRADIOL or ESTRONE that has a hydroxyl group at C3-beta, 16-alpha, and 17-beta position. Estriol is the main estrogen in the blood and urine of pregnant females. During pregnancy, large amount of estriol is produced by the placenta. Serum estriol determinations reflect the status of the fetus and are used to evaluate fetal distress and placental function. Estriol increases until term, reaches a plateau at the 40th week of gestation and then declines. Isomers with inversion of the hydroxyl group or groups are called epiestriol. It is used in the treatment of osteoporosis in combination with Vitamin D. Its expression also seems to be one of the direct causes of preterm labour, together with cervical ultrasound measurements and expression of Foetal Fibronectin.

**Keywords**

Estriol; Hemostyptanon; Holin; Hormomed; Hormonin; Klimax E; Klimoral; NSC-12169; OE3; Oestra-1,3,5(10)-triene-3,16alpha, 17beta-triol; Oestratriol; Oestriol; Estra-1,3,5(10)-triene-3,16-alpha, 17-beta-triol; Estratriol; Estriolo; Follicular hormone; Folli

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