

Product datasheet for **AP05473SU-N**

Estriol Sheep Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	R
Recommended Dilution:	Radioimmunoassays: 1/30 ,000.
Reactivity:	Broad
Host:	Sheep
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to the amino acids 1 - 4 of the native molecule, conjugated to Keyhole limpet Haemocyanin (KLH).
Specificity:	Determined by RIA: Oestriol: 100% Oestriol-3-sulphate: 100% Oestriol-16alpha-OH-glucuronide: 2% Oestriol-3-glucuronide: 18% Other steroids: 0.02%
Formulation:	State: Serum State: Liquid serum containing 0.09% Sodium Azide (NaN ₃)
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Background:	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.
Synonyms:	Oestriol



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