

Polyclonal Antibody to Estrone - Serum

Alternate names:	E1, Oestrone
Catalog No.:	AP05475SU-N
Quantity:	50 µl
Background:	<p>Estrone, Estradiol, and Estriol are all estrogens natural to the human body. They belong to the group of steroid hormones, and are mostly responsible for the growth of female characteristics in puberty and also regulation of the menstrual cycle. They are produced primarily in the ovaries but are also manufactured from androstenedione in fat cells, muscle cells, and skin.</p> <p>Oral Estrogen is converted to Estrone (less potent) by the gut and liver, reversing the normal premenopausal 2:1 ratio of 17b-oestradiol to Estrone.</p>
Host / Isotype:	Sheep / IgG
Immunogen:	Estrone-6-CMO-Ovalbumin.
Format:	State: Liquid Serum containing 0.09% Sodium Azide as preservative.
Applications:	Radioimmunoassays. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	<p>This antibody is specific for Estrone, an Estrogen that is secreted by the ovaries. It is the least prevalent of the Estrogen hormones as it is often converted Estradiol.</p> <p>This antibody shows the following reactivities:</p> <p>6-keto-Estradiol-17B: 1.7% Estradiol-17B: 0.6% Estriol: 0.1% Androstendione: 0.1%</p> <p>Species: Human. Other species not tested.</p>
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. Shelf life: one year from despatch.