

**AP09651PU-N****Polyclonal Antibody to 17-beta-Testosterone - Ig Fraction**

<b>Quantity:</b>	0.1 ml
<b>Concentration:</b>	4.24mg/ml (U.V.abs @ 280nm)
<b>Background:</b>	Testosterone is the principal androgen, or male sex hormone. One of the group of compounds known as anabolic steroids, testosterone is secreted by the testes but is also synthesized in small quantities in the ovaries, cortices of the adrenal glands, and placenta, usually from cholesterol. Testosterone has a hydroxyl group at the C17 position which can be esterified, or altered by the substitution of an acid or other groups. Oxidation of the 17-b-OH to a 17-keto group, or conversion to a 17 a-OH, results in steroids with significantly decreased androgen activity.
<b>Host / Isotype:</b>	Sheep / IgG
<b>Immunogen:</b>	Testosterone (3)-BSA
<b>Format:</b>	<b>State:</b> Liquid Ig fraction prepared by Caprylic Acid and Ammonium Sulphate precipitation procedures <b>Buffer System:</b> 20mM Phosphate, 150mM Sodium Chloride, pH 7.2 containing 0.09% Sodium Azide as preservative
<b>Applications:</b>	ELISA: 10.0µg/ml. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody reacts to 17beta-Testosterone.
<b>Storage:</b>	Store the antibody at -20°C. Avoid repeated freezing and thawing. Shelf life: one year from despatch.