



Anti-Testosterone polyclonal antibody (DPAB1147)

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

PRODUCT INFORMATION

Specificity	Recognizes Testosterone Cross-reactivity: Dihydro Testosterone 1.0% Nortestosterone <1.0% Sex Hormone Binding Globulin 0.5% Progesterone 0.0% Other steroids <0.01%
Immunogen	Testosterone-19-HSA
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	N/A
Purification	Not applicable
Conjugate	Unconjugated
Applications	Specific methodologies have not been tested using this product.
Format	Neat, Liquid
Concentration	Titer: 750,000 Tests/ml (125I RIA @ 68% B/TC)
Size	500ul
Buffer	Not applicable
Preservative	See individual product datasheet
Storage	Short-term store at 2–8°C. Long term, aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

BACKGROUND

Introduction

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 is necessary in the fetus for the development of male external genitalia. Testosterone also stimulates protein synthesis and accounts for the greater muscular development of the male. For many years, synthetic steroids similar to testosterone have been used by athletes with the goal of improving performance, although recent medical research has shown that these drugs may have a wide range of harmful side effects.

Keywords

17b hydroxy 4 androsten 3 one; Testosterone