



Dihydrotestosterone [HRP] (DAG1092)

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

PRODUCT INFORMATION

Product Overview	Dihydrotestosterone, HRP conjugate
Antigen Description	Dihydrotestosterone is a biologically active metabolite of the hormone testosterone, formed primarily in the prostate gland, testes, hair follicles, and adrenal glands by the enzyme 5α-reductase by means of reducing the 4,5 double-bond. Dihydrotestosterone is produced by males in utero and is responsible for the formation of male gender-specific characteristics as well as contributing to other characteristics generally attributed to males, including facial and body hair growth, and deepening of the voice.
Species	N/A
Conjugate	HRP
Format	Concentrate
Size	0.5 ml
Preservative	None
Storage	2-8°C short term, -20°C long term

BACKGROUND

Introduction	Dihydrotestosterone is a hormone that stimulates the development of male characteristics (an androgen). It is made through conversion of the more commonly known androgen, testosterone. Almost 10% of the testosterone produced by an adult each day is converted by the testes and prostate (in men), the ovaries (in women), the skin and other parts of the body to dihydrotestosterone.
Keywords	Dihydrotestosterone; DHT; 5α-dihydrotestosterone; 5α-DHT; Androstanolone; 5α-androstan-17b-ol-3-one; 17b-hydroxy-5α-androstan-3-one