Dihydrotestosterone, HRP conjugate

DAG1092

Lot. No. (See product label)

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 5a-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.
Source	Natural Steroids
Conjugate	HRP
Form	concentrate
Characteristic	Each conjugate comprises antigen covalently bound to horseradish peroxide and is suitable as a tracer in immunoassay development

PACKAGING

Storage	Can be stored at 2-8°C for up to 3 months and at -20°C for longer term storage.

BACKGROUND

Introduction	Dihydrotestosterone is a sex steroid and androgen hormone. The enzyme 5α-reductase synthesizes DHT in the prostate, testes, hair follicles, and adrenal glands. This enzyme reduces the 4,5 double-bond of the hormone testosterone.
Keywords	Dihydrotestosterone; DHT; 5α-dihydrotestosterone; 5α-DHT; androstanolone; 5α-androstan-17β-ol-3-one; 17β-hydroxy-5α-androstan-3-one; (5S,8R,9S,10S,13S,14S,17S)-17-hydroxy-10,13-dimethyl-1,2,4,5,6,7,8,9,11,12,14,15,16,17-tetradecahydrocyclopenta[a]phenanthren-3-one[citation

REFERENCES

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