Methyldihydrotestosterone, HRP conjugate

DAG1239
Lot. No. (See product label)

PRODUCT INFORMATION

Product overview  Methyldihydrotestosterone, HRP conjugate
Antigen Description  3α,5α-Tetrahydrocorticosterone (3α,5α-THB), or simply tetrahydrocorticosterone (THB or THCC), is an endogenous glucocorticoid hormone. Steroid hormones derived from cholesterol are a class of biologically active compounds in vertebrates. 5α-tetrahydrocorticosterone is highly sensitive to adrenocorticotropic hormone (ACTH) secretion. High levels of 5α-Tetrahydrocorticosterone are a warning sign of hypertension.
Source  Synthetic Androgens
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  The cholesterol side-chain cleavage enzyme CYP11A1 catalyzes conversion of cholesterol, a C27 compound, to the first C21 steroid, pregnenolone, which is converted by a bifunctional enzyme complex to the gestagen hormone, progesterone. Pregnenolone and progesterone are the starting materials for the three groups of steroids: C21 steroids of glucocorticoids and mineralocorticoids, C19 steroids of androgens, and C18 steroids of estrogens.
Keywords  3α,5α-Tetrahydrocorticosterone; 3α,5α-THB; tetrahydrocorticosterone; THB; THCC

REFERENCES