

Mouse Dihydrotestosterone (DHT) ELISA Kit | DHT elisa kit

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CATALOG #
AAA31516

REACTIVITY
Mouse

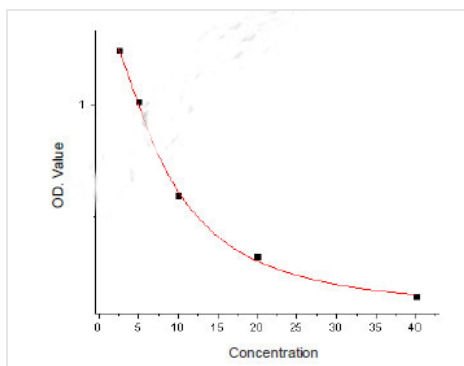
PRODUCT SYNONYMS

Dihydrotestosterone (DHT); Mouse Dihydrotestosterone (DHT) ELISA Kit; DHT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Assay Type	Competitive
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DHT elisa kit

Principle of the Assay: Mouse Dihydrotestosterone (DHT) ELISA Kit employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with purified Mouse DHT antibody. Standards or samples are added to the appropriate microtiter plate wells with Horseradish Peroxidase (HRP) conjugated DHT. The competitive inhibition reaction is launched between HRP labeled DHT and unlabeled DHT with the antibody. A Chromogen solution is added to the wells and the color develops in opposite to the amount of DHT in the sample. The color development is stopped and the intensity of the color is measured.

Background/Introduction: Dihydrotestosterone (DHT), or 5alpha-dihydrotestosterone (5alpha-DHT), also known as 5alpha-androstan-17beta-ol-3-one, is an endogenous androgen sex steroid and hormone. The enzyme 5alpha-reductase catalyzes the formation of DHT from testosterone in certain tissues including the prostate gland, seminal vesicles, epididymides, skin, hair follicles, liver, and brain. This enzyme mediates reduction of the C4-5 double bond of testosterone. Relative to testosterone, DHT is considerably more potent as an agonist of the androgen receptor (AR).

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.