

Rat Dihydrotestosterone, DHT ELISA Kit | DHT elisa kit

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CATALOG #
AAA15123

REACTIVITY
Rat

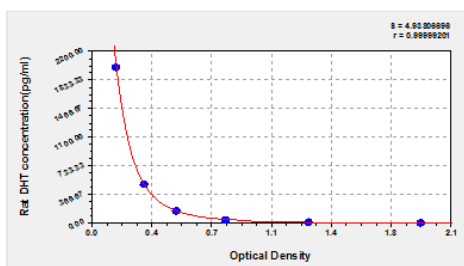
PRODUCT SYNONYMS

Dihydrotestosterone; DHT; Rat Dihydrotestosterone; DHT ELISA Kit; DHT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat DHT. No significant cross-reactivity or interference between rat DHT and analogues was observed.
Sequence Length	484
Assay Type	Competitive
Samples	Serum, plasma, tissue homogenates
Detection Range	10 pg/ml-2000 pg/ml
Sensitivity	< 5 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<15%. Three positive samples were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<15%. Three positive samples were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DHT elisa kit

Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with goat-anti-rabbit antibody. Standards or samples are added to the appropriate microtiter plate wells with an antibody specific for DHT and Horseradish Peroxidase (HRP) conjugated DHT. The competitive inhibition reaction is launched between with HRP labeled DHT and unlabeled DHT with the antibody. A substrate 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	339503844
NCBI GeneID	10950710
NCBI Accession #	YP_004691264.1
NCBI GenBank Nucleotide #	NC_015730.1
UniProt Accession #	F7ZBB5
Molecular Weight	52,872 Da
NCBI Official Full Name	D-hydantoinase/dihydropyrimidinase Dht
NCBI Official Symbol	dht
NCBI Protein Information	D-hydantoinase/dihydropyrimidinase Dht
UniProt Protein Name	D-hydantoinase/dihydropyrimidinase Dht
UniProt Gene Name	dht
UniProt Synonym Gene Names	RLO149_c023310
UniProt Entry Name	F7ZBB5_ROSLO

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.

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Online datasheet: <https://www.aaabiotech.com/rat-elisa-kits/dihydrotestosterone-dht/15123>