

## Human Dihydrotestosterone, DHT ELISA Kit | DHT elisa kit

Human Dihydrotestosterone, DHT ELISA Kit

CATALOG #  
**AAA15281**

REACTIVITY  
**Human**

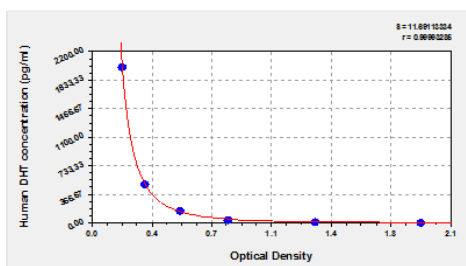
### PRODUCT SYNONYMS

Dihydrotestosterone; DHT; Human Dihydrotestosterone; DHT ELISA Kit; DHT elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                               |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of human DHT. No significant cross-reactivity or interference between human 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 samples of known concentration were tested twenty times on one plate to assess.                                   |
| Inter-assay Precision   | Inter-assay Precision (Precision between assays): CV%<15%. Three samples of known concentration 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          | <b>dht</b>                             |
| 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/human-elisa-kits/dihydrotestosterone-dht/15281>