

## Sheep Dihydrotestosterone ELISA Kit | DHT elisa kit

Sheep Dihydrotestosterone ELISA Kit

CATALOG #  
**AAA88849**

REACTIVITY  
**Sheep**

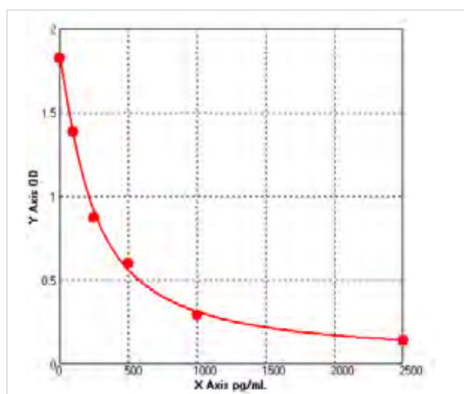
### PRODUCT SYNONYMS

Dihydrotestosterone; Sheep Dihydrotestosterone ELISA Kit; DHT elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Sheep                                                                                                                                                                                                                                                                                                                                                                                 |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of DHT. No significant cross-reactivity or interference between DHT and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between DHT and all the analogues, therefore, cross reaction may still exist in some cases. |
| Assay Type              | Quantitative Competitive                                                                                                                                                                                                                                                                                                                                                              |
| Samples                 | Serum, plasma, cell culture supernatants, body fluid and tissue homogenate                                                                                                                                                                                                                                                                                                            |
| Sensitivity             | 1.0 pg/mL                                                                                                                                                                                                                                                                                                                                                                             |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                                                                                                                                                                                                                                                                                                                                   |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for DHT elisa kit | <p>Principle of the Assay: DHT ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-DHT antibody and an DHT-HRP conjugate. The assay sample and buffer are incubated together with DHT-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the DHT concentration since DHT from samples and DHT-HRP conjugate compete for the anti-DHT antibody binding site. Since the number of sites is limited, as more sites are occupied by DHT from the sample, fewer sites are left to bind DHT-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The DHT concentration in each sample is interpolated from this standard curve.</p> <p>Intended Uses: This DHT ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep DHT. This ELISA kit for research use only, not for therapeutic or test applications!</p> |
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NCBI AND UNIPROT INFORMATION

|                            |                                        |
|----------------------------|----------------------------------------|
| NCBI GI #                  | 339503844                              |
| NCBI GeneID                | 10950710                               |
| NCBI Accession #           | YP_004691264.1                         |
| NCBI GenBank Nucleotide #  | NC_015730.1                            |
| 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.