

Bovine Dihydrotestosterone ELISA Kit | DHT elisa kit

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CATALOG #
AAA93581

REACTIVITY
Bovine

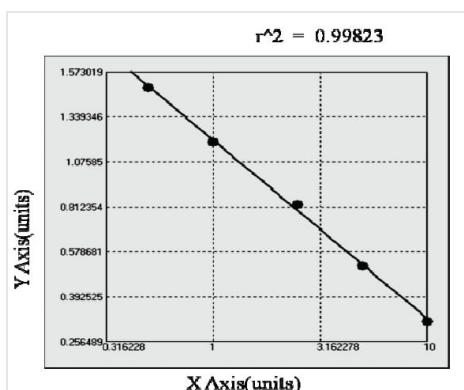
PRODUCT SYNONYMS

Dihydrotestosterone; Bovine Dihydrotestosterone ELISA Kit; DHT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 nmol/L.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DHT elisa kit

Intended Uses: This DHT ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine DHT. This ELISA kit for research use only!

Principle of the Assay: DHT ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal 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.

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.

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Online datasheet: <https://stage.aaabiotech.com/dht-bovine-ovine-elisa-kits/dihydrotestosterone/93581>