

Bovine Testosterone (T) ELISA Kit

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CATALOG #
AAA190375REACTIVITY
Bovine

PRODUCT SYNONYMS

Testosterone (T); Bovine Testosterone (T) ELISA Kit; RP11-459F1.1; MGC104817; TFT; OTTHUMP00000017588|T brachyury homolog|T brachyury-like|transcription factor T; Testosterone (T) elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay has high sensitivity and excellent specificity for detection of Bovine Testosterone. No significant cross-reactivity or interference between Bovine Testosterone and analogues was observed.
Assay Type	Quantitative Competitive
Samples	Serum, plasma and other biological fluids
Detection Range	0.2 ng/mL - 80 ng/mL
Sensitivity	0.1 ng/mL (mean of 6 independent assays)
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C. Please refer to Instruction Manual.

ADDITIONAL INFORMATION

Related Product Information for Testosterone (T) elisa kit

Principle of the Assay: This assay employs the competitive 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 Testosterone and Horseradish Peroxidase (HRP) conjugated Testosterone. The competitive inhibition reaction is launched between with HRP labeled Testosterone and unlabeled Testosterone with the antibody. A substrate solution is added to the wells and the color develops in opposite to the amount of Testosterone in the sample. The color development is stopped and the intensity of the color is measured.

Intended Uses: For the quantitative detection of Bovine Testosterone (T) concentration in serum, plasma and other biological fluids.

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.