

Cattle T3 (Triiodothyronine) ELISA Kit | T3 elisa kit

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CATALOG #
AAA277334

REACTIVITY
Cattle

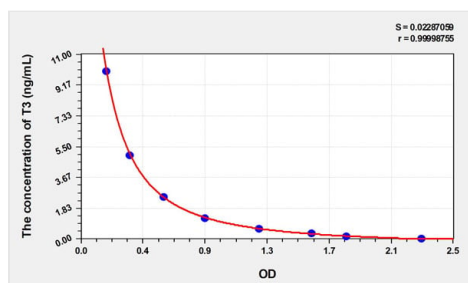
PRODUCT SYNONYMS

T3 (Triiodothyronine); Cattle T3 (Triiodothyronine) ELISA Kit; 3; 3'; 5-Triiodo-L-Thyronine; Liothyronine; Cytomel; Tertroxin; T3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Cattle
Specificity	This assay has high sensitivity and excellent specificity for detection of Cattle T3. No significant cross-reactivity or interference between Cattle T3 and analogues was observed.
Assay Type	Competitive
Detection Range	0.16-10 ng/mL
Sensitivity	0.73 ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay)? CV% < 8%. Three samples of known concentration were tested twenty times on 1 plate to assess intra-assay precision.
Inter-assay Precision	Inter-assay Precision (precision between assays)? CV% < 10%. Three samples of known concentration were tested in forty separate assays to assess inter-assay precision.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for T3 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 Cattle T3 protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Cattle T3. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Cattle T3 in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for T3 elisa kit

Endocrinology; Autoimmunity

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/cat-cattle-elisa-kits/t3-triiodothyronine/277334>