

Horse thyroxine (T4) ELISA Kit | T4 elisa kit

Horse thyroxine, T4 ELISA Kit

CATALOG #
AAA81011

REACTIVITY
Horse

PRODUCT SYNONYMS

thyroxine (T4); Horse thyroxine; T4 ELISA Kit; Horse thyroxine (T4) ELISA kit; Horse thyroxine (T4); T4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Horse
Specificity	This assay has high sensitivity and excellent specificity for detection of horse thyroxine. No significant cross-reactivity or interference between horse thyroxine and analogues was observed.
Samples	Serum, plasma
Assay Type	Quantitative Competitive
Detection Range	20 ng/ml-320 ng/ml
Sensitivity	<20 ng/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.

ADDITIONAL INFORMATION

Related Product Information for T4 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 an antibody specific to thyroxine. Standards or samples are added to the appropriate microtiter plate wells with Biotin-conjugated thyroxine. A competitive inhibition reaction is launched between thyroxine (Standards or samples) and Biotin-conjugated thyroxine with the pre-coated antibody specific for thyroxine. The more amount of thyroxine in samples, the less antibody bound by Biotin-conjugated thyroxine. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Substrate solution is added to the wells and the color develops in opposite to the amount of thyroxine in the sample. The color development is stopped and the intensity of the color is measured.

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/horse-elisa-kits/thyroxine-t4/81011>