

Horse Thyroxine, T4 ELISA Kit | T4 elisa kit

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CATALOG #
AAA123263

REACTIVITY
Horse

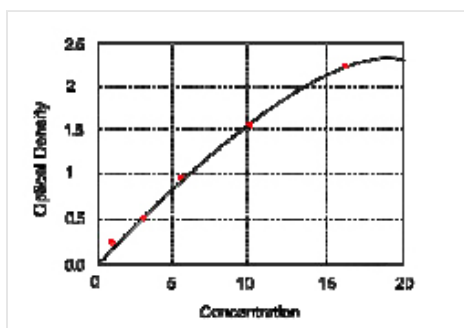
PRODUCT SYNONYMS

Thyroxine; T4; Horse Thyroxine; T4 ELISA Kit; T4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Horse
Sequence Length	525
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	3nmol/L - 900nmol/L
Sensitivity	1.55nmol/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested 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 separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for T4 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Horse Thyroxine (also known as T4) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Horse T4 antibody. T4 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Horse T4 Antibody is added and binds to T4 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated T4 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Horse T4. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	14250971
NCBI GenBank Nucleotide #	NP_116333.1
NCBI Official Full Name	T4

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/horse-elisa-kits/thyroxine-t4/123263>