

Human Deiodinase Iodothyronine Type III (DIO3) ELISA Kit | DIO3 elisa kit

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CATALOG #
AAA42897

REACTIVITY
Human

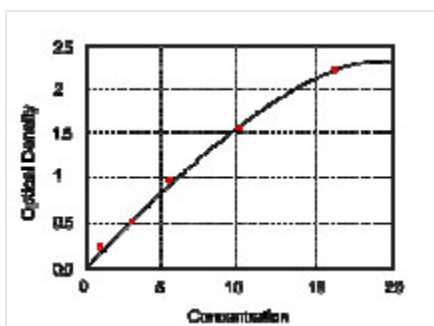
PRODUCT SYNONYMS

Deiodinase Iodothyronine Type III (DIO3); Human Deiodinase Iodothyronine Type III (DIO3) ELISA Kit; DIO3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	271
Samples	Serum, plasma, cell culture supernates, ascites, tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.2-70ng/ml
Sensitivity	0.098ng/ml
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 DIO3 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Thyroxine 5-deiodinase (also known as DIO3) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human DIO3 antibody. DIO3 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human DIO3 Antibody is added and binds to DIO3 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated DIO3 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 Human DIO3. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	169791009
NCBI GeneID	100038242
NCBI Accession #	NP_001107139.2
NCBI GenBank Nucleotide #	NM_001113667.2
NCBI Official Full Name	thyroxine 5-deiodinase
NCBI Official Synonym Full Names	deiodinase, iodothyronine, type 3
NCBI Official Symbol	dio3
NCBI Official Synonym Symbols	D3; DI-3; 5DIII; txdI3; dioiii
NCBI Protein Information	thyroxine 5-deiodinase

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/human-elisa-kits/deiodinase-iodothyronine-type-iii-dio3/42897>