

Human Type III iodothyronine deiodinase ELISA Kit | DIO3 elisa kit

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CATALOG #
AAA190631

REACTIVITY
Human

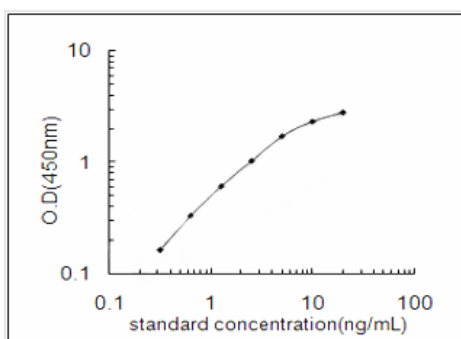
PRODUCT SYNONYMS

Type III iodothyronine deiodinase; Human Type III iodothyronine deiodinase ELISA Kit; 5DIII; DIOIII; Type 3 DI; Type-III 5'-deiodinase; DIO3; ITDI3; TXDI3; 1.97.1.11; DIO3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	304
Samples	Serum, Plasma, Tissue Homogenates, Cell Culture Supernates Or Other Biological Fluids.
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DIO3 elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	255958313
NCBI GeneID	1735

NCBI Accession #	NP_001353.4
NCBI GenBank Nucleotide #	NM_001362.3
UniProt Accession #	P55073; Q8WVN5; G3XAM0
Molecular Weight	33,947 Da
NCBI Official Full Name	thyroxine 5-deiodinase
NCBI Official Synonym Full Names	deiodinase, iodothyronine, type III
NCBI Official Symbol	DIO3
NCBI Official Synonym Symbols	D3; 5DIII; TXDI3; DIOIII
NCBI Protein Information	thyroxine 5-deiodinase
UniProt Protein Name	Thyroxine 5-deiodinase
UniProt Gene Name	DIO3
UniProt Synonym Gene Names	ITDI3; TXDI3
UniProt Entry Name	IOD3_HUMAN

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/dio3-human-elisa-kits/type-iii-iodothyronine-deiodinase/190631>