

Human Deiodinase Iodothyronine Type I (DIO1) ELISA Kit | DIO1 elisa kit

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CATALOG #
AAA42016

REACTIVITY
Human

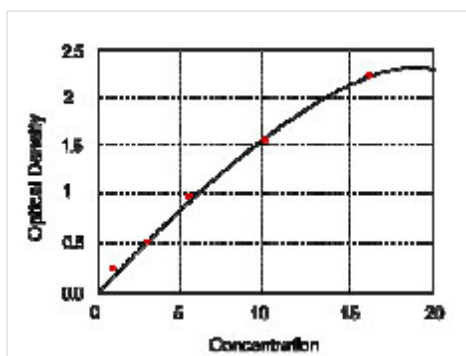
PRODUCT SYNONYMS

Deiodinase Iodothyronine Type I (DIO1); Human Deiodinase Iodothyronine Type I (DIO1) ELISA Kit; DIO1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	78
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.3ng/ml-90ng/ml
Sensitivity	0.17ng/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 DIO1 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of human Decoy Receptor 3 (also known as DCR3) 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 human DCR3 antibody. DCR3 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human DCR3 Antibody is added and binds to DCR3 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated DCR3 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 DCR3. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	160960389
NCBI GeneID	100466148
UniProt Accession #	A9J433
Molecular Weight	9,140 Da
NCBI Official Full Name	deiodinase iodothyronine type I, partial
NCBI Official Symbol	DIO1
NCBI Protein Information	type I iodothyronine deiodinase
UniProt Protein Name	Iodothyronine deiodinase
UniProt Gene Name	dio1

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-i-dio1/42016>