

Rat Deiodinase, Iodothyronine, Type II (DIO2) RTU ELISA Kit | DIO2 rtu elisa kit

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CATALOG #
AAA70229

REACTIVITY
Rat

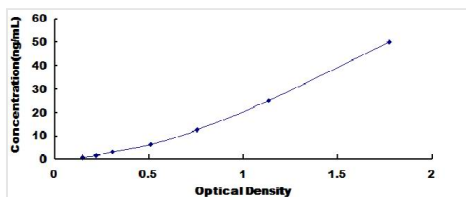
PRODUCT SYNONYMS

Deiodinase; Iodothyronine; Type II (DIO2); Rat Deiodinase; Type II (DIO2) ELISA Kit; 5DII; D2; SelY; TXDI2; Thyroxine Deiodinase; Type II; Type-II 5'-deiodinase; DIO2 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	266
Assay Type	Sandwich
Samples	Tissue Homogenates or Other Biological Fluids.
Detection Range	0.781-50ng/mL
Sensitivity	0.24ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DIO2 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to DIO2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to DIO2. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain DIO2, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of DIO2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	132566529
NCBI GeneID	65162
NCBI Accession #	NP_113908.3
NCBI GenBank Nucleotide #	NM_031720.4
UniProt Accession #	P70551; O70179
Molecular Weight	29,871 Da
NCBI Official Full Name	type II iodothyronine deiodinase
NCBI Official Synonym Full Names	iodothyronine deiodinase 2
NCBI Official Symbol	Dio2
NCBI Official Synonym Symbols	5DII; DIOII
NCBI Protein Information	type II iodothyronine deiodinase
UniProt Protein Name	Type II iodothyronine deiodinase
UniProt Gene Name	Dio2
UniProt Synonym Gene Names	Itidi2; Txd2

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/rat-rtu-elisa-kits/deiodinase-iodothyronine-type-ii-dio2/70229>