

Human Dual Oxidase 2 (DUOX2) RTU ELISA Kit | DUOX2 rtu elisa kit

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CATALOG #
AAA70314

REACTIVITY
Human

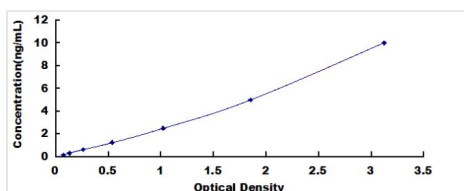
PRODUCT SYNONYMS

Dual Oxidase 2 (DUOX2); Human Dual Oxidase 2 (DUOX2) ELISA Kit; LNOX2; NOXEF2; THOX2; Thyroid oxidase 2; NADH/NADPH thyroid oxidase p138-tox; Dual Oxidase-Like Domains 2; Nicotinamide Adenine Dinucleotide Phosphate Oxidase; DUOX2 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1548
Assay Type	Sandwich
Samples	Tissue Homogenates or Other Biological Fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.069ng/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 DUOX2 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to DUOX2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to DUOX2. 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 DUOX2, 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 DUOX2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	132566532
NCBI GeneID	50506
NCBI Accession #	NP_054799.4
NCBI GenBank Nucleotide #	NM_014080.4
UniProt Accession #	Q9NRD8; Q9NR02; Q9UHF9; A8MQ13; D2XI64
Molecular Weight	175,364 Da
NCBI Official Full Name	dual oxidase 2
NCBI Official Synonym Full Names	dual oxidase 2
NCBI Official Symbol	DUOX2
NCBI Official Synonym Symbols	TDH6; LNOX2; THOX2; NOXEF2; P138-TOX
NCBI Protein Information	dual oxidase 2
UniProt Protein Name	Dual oxidase 2
UniProt Gene Name	DUOX2
UniProt Synonym Gene Names	LNOX2; THOX2

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-rtu-elisa-kits/dual-oxidase-2-duox2/70314>