

Human Dual Oxidase 2 ELISA Kit | DUOX2 elisa kit

Human DUOX2 (Dual Oxidase 2) ELISA Kit

CATALOG #
AAA22023

REACTIVITY
Human

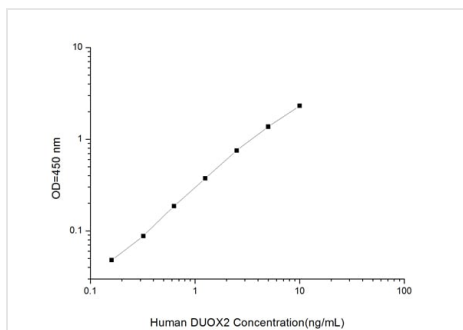
PRODUCT SYNONYMS

Dual Oxidase 2; Human DUOX2 (Dual Oxidase 2) ELISA Kit; DUOX2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human DUOX2 in samples. No significant cross-reactivity or interference between Human DUOX2 and analogues was observed.
Sequence Length	1545
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	0.16-10ng/mL
Sensitivity	0.1ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid-range and high level Human DUOX2 were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid-range and high level Human DUOX2 were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DUOX2 elisa kit	Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro-ELISA plate provided in this kit has been pre-coated with an antibody specific to Human DUOX2. Standards or samples are added to the micro-ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Human DUOX2 and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human DUOX2, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The OD value is proportional to the concentration of Human DUOX2. You can calculate the concentration of Human DUOX2 in the samples by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human DUOX2 concentrations in serum, plasma and other biological fluids.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	51889718
NCBI GeneID	397060
NCBI Accession #	NP_999164.2
NCBI GenBank Nucleotide #	NM_213999.2
Molecular Weight	175,284 Da
NCBI Official Full Name	dual oxidase 2
NCBI Official Symbol	DUOX2
NCBI Protein Information	dual oxidase 2
UniProt Protein Name	Dual oxidase 2
UniProt Gene Name	DUOX2
UniProt Entry Name	DUOX2_PIG

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.