

Human NOX5 ELISA Kit | NOX5 elisa kit

Human NOX5 (Nicotinamide Adenine Dinucleotide Phosphate Oxidase 5) ELISA Kit

CATALOG #
AAA21809

REACTIVITY
Human

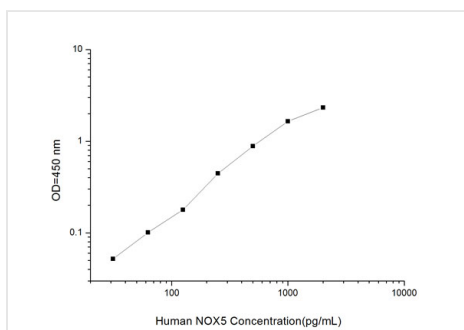
PRODUCT SYNONYMS

NOX5; Human NOX5 (Nicotinamide Adenine Dinucleotide Phosphate Oxidase 5) ELISA Kit; NOX5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human NOX5 in samples. No significant cross-reactivity or interference between Human NOX5 and analogues was observed.
Sequence Length	765
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	31.25-2000pg/mL
Sensitivity	18.75pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Human NOX5 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 NOX5 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 NOX5 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 NOX5. 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 NOX5 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 NOX5, 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 NOX5. You can calculate the concentration of Human NOX5 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 NOX5 concentrations in serum, plasma and other biological fluids.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	296278229
NCBI GeneID	79400
NCBI Accession #	NP_078781.3
NCBI GenBank Nucleotide #	NM_024505.3
UniProt Accession #	Q96PH1; Q08AN2; Q08AN3; Q8TEQ1; Q8TER4; Q96PH2; Q96PJ8; Q96PJ9; Q9H6E0; Q9HAM8; B2RBJ4
Molecular Weight	83,109 Da
NCBI Official Full Name	NADPH oxidase 5 isoform 1
NCBI Official Synonym Full Names	NADPH oxidase, EF-hand calcium binding domain 5
NCBI Official Symbol	NOX5
NCBI Protein Information	NADPH oxidase 5
UniProt Protein Name	NADPH oxidase 5
UniProt Gene Name	NOX5
UniProt Entry Name	NOX5_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/nox5/21809>