Human NADH Dehydrogenase Ubiquinone Fe-S Protein 1 (NDUFS1) RTU ELISA Kit | NDUFS1 rtu elisa kit

Human NADH Dehydrogenase Ubiquinone Fe-S Protein 1 (NDUFS1) ELISA Kit

CATALOG #	REACTIVITY
AAA217322	**Human**

PRODUCT SYNONYMS

NADH Dehydrogenase Ubiquinone Fe-S Protein 1 (NDUFS1); Human NADH Dehydrogenase Ubiquinone Fe-S Protein 1 (NDUFS1) ELISA Kit; CI-75Kd; NADH-Coenzyme Q Reductase; NADH Dehydrogenase Iron-Sulfur Protein 1; NADH-ubiquinone oxidoreductase 75 kDa subunit; mitochondrial; NDUFS1 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	691
Assay Type	Sandwich
Samples	Tissue Homogenates, Cell Lysates or Other Biological Fluids.
Detection Range	0.312-20ng/mL
Sensitivity	0.105ng/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 NDUFS1 rtu elisa kit	Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to NDUFS1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to NDUFS1. 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 NDUFS1, 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 ± 10nm. The concentration of NDUFS1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	316983154

NCBI GeneID	4719
NCBI Accession #	NP_001186910.1
NCBI GenBank Nucleotide #	NM_001199981.1
UniProt Accession #	P28331; Q53TR8; Q8N1C4; Q8TCC9; B4DIN9; B4DJA0; B4DPG1; B4DUC1; E7ENF3
Molecular Weight	75,375 Da
NCBI Official Full Name	NADH-ubiquinone oxidoreductase 75 kDa subunit, mitochondrial isoform 2
NCBI Official Synonym Full Names	NADH:ubiquinone oxidoreductase core subunit S1
NCBI Official Symbol	NDUFS1
NCBI Official Synonym Symbols	CI-75k; CI-75Kd; PRO1304
NCBI Protein Information	NADH-ubiquinone oxidoreductase 75 kDa subunit, mitochondrial
UniProt Protein Name	NADH-ubiquinone oxidoreductase 75 kDa subunit, mitochondrial
UniProt Gene Name	**NDUFS1**
UniProt Synonym Gene Names	CI-75kD

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/nadh-dehydrogenase-ubiquinone-fe-s-protein-1-ndufs1/217322