

Rat Low Density Lipoprotein Receptor (LDLR) RTU ELISA Kit | LDLR rtu elisa kit

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CATALOG #
AAA219573

REACTIVITY
Rat

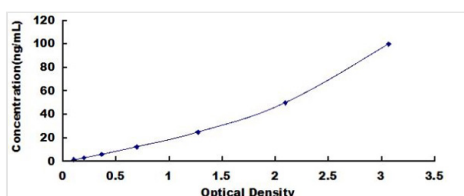
PRODUCT SYNONYMS

Low Density Lipoprotein Receptor (LDLR); Rat Low Density Lipoprotein Receptor (LDLR) ELISA Kit; FH; FHC; Familial Hypercholesterolemia; LDLR rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	879
Assay Type	Sandwich
Samples	Tissue Homogenates, Cell Lysates or Other Biological Fluids.
Detection Range	1.56-100ng/mL
Sensitivity	0.65ng/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 LDLR rtu elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #

28461161

NCBI GeneID	300438
NCBI Accession #	NP_786938.1
NCBI GenBank Nucleotide #	NM_175762.2
UniProt Accession #	P35952
Molecular Weight	96,622 Da
NCBI Official Full Name	low-density lipoprotein receptor
NCBI Official Synonym Full Names	low density lipoprotein receptor
NCBI Official Symbol	Ldlr
NCBI Official Synonym Symbols	LDLRA
NCBI Protein Information	low-density lipoprotein receptor
UniProt Protein Name	Low-density lipoprotein receptor
UniProt Gene Name	Ldlr
UniProt Synonym Gene Names	LDL receptor

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://www.aaabiotech.com/rat-rtu-elisa-kits/low-density-lipoprotein-receptor-ldlr/219573>