

Human 7-Dehydrocholesterol Reductase (DHCR7) RTU ELISA Kit | DHCR7 rtu elisa kit

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CATALOG #
AAA70215

REACTIVITY
Human

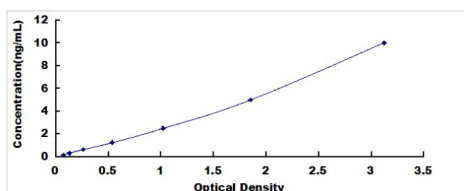
PRODUCT SYNONYMS

7-Dehydrocholesterol Reductase (DHCR7); Human 7-Dehydrocholesterol Reductase (DHCR7) ELISA Kit; DHCR-7; SLOS; D7SR; Smith-Lemli-Opitz Syndrome; Putative sterol reductase SR-2; Sterol Delta(7)-reductase; DHCR7 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	475
Assay Type	Sandwich
Samples	Tissue Homogenates or Other Biological Fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.062ng/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 DHCR7 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to DHCR7. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to DHCR7. 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 DHCR7, 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 DHCR7 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	255308875
NCBI GeneID	1717
NCBI Accession #	NP_001157289.1
NCBI GenBank Nucleotide #	NM_001163817.1
UniProt Accession #	Q9UBM7; O60492; O60717; B2R6Z2
Molecular Weight	54,489 Da
NCBI Official Full Name	7-dehydrocholesterol reductase
NCBI Official Synonym Full Names	7-dehydrocholesterol reductase
NCBI Official Symbol	DHCR7
NCBI Official Synonym Symbols	SLOS
NCBI Protein Information	7-dehydrocholesterol reductase
UniProt Protein Name	7-dehydrocholesterol reductase
UniProt Gene Name	DHCR7
UniProt Synonym Gene Names	D7SR; 7-DHC reductase

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/human-rtu-elisa-kits/7-dehydrocholesterol-reductase-dhcr7/70215>