

Human Cholesterol-25-Hydroxylase (CH25H) RTU ELISA Kit | CH25H rtu elisa kit

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CATALOG #
AAA69748

REACTIVITY
Human

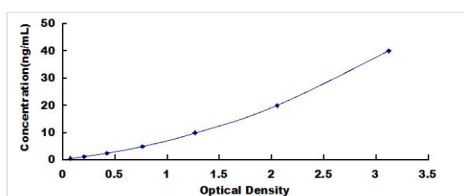
PRODUCT SYNONYMS

Cholesterol-25-Hydroxylase (CH25H); Human Cholesterol-25-Hydroxylase (CH25H) ELISA Kit; h25OH; Cholesterol 25-monooxygenase; CH25H rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	272
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates or Other Biological Fluids.
Detection Range	0.625-40ng/mL
Sensitivity	0.252ng/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 CH25H rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to CH25H. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to CH25H. 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 CH25H, 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 CH25H in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #

4502499

NCBI GeneID	9023
NCBI Accession #	NP_003947.1
NCBI GenBank Nucleotide #	NM_003956.3
UniProt Accession #	O95992; B2RBY3
Molecular Weight	31,745 Da
NCBI Official Full Name	cholesterol 25-hydroxylase
NCBI Official Synonym Full Names	cholesterol 25-hydroxylase
NCBI Official Symbol	CH25H
NCBI Official Synonym Symbols	C25H
NCBI Protein Information	cholesterol 25-hydroxylase
UniProt Protein Name	Cholesterol 25-hydroxylase
UniProt Gene Name	CH25H
UniProt Synonym Gene Names	h25OH

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/cholesterol-25-hydroxylase-ch25h/69748>