LDL Uptake Cell-Based Assay Kit

Catalog # KA1327 Size 1 Kit

Specification

Product Description	LDL Uptake Cell-Based Assay Kit is a tool for studying LDL uptake and regulation at the cellular level.
Regulation Status	For research use only (RUO)
Storage Instruction	Store the kit at 4°C temporarily. For best results, store the components as described in the protocol.

Applications

- Functional Study

Publication Reference

- An in vitro investigation of the effects of urolithins A and B on low-density lipoprotein uptake and its regulatory genes.

  Shiva Ganjali, Maryam Matbou Riahi, Khadijeh Mahboobnia, Milad Iranshahy, Maciej Banach, Ali Jangjoo, Sorour Ashari, Zahra Tayarani-Najaran, Amirhossein Sahebkar

  Arch Med Sci 2023 Dec; 19(6):1832-1841.

- Resveratrol protects against postmenopausal atherosclerosis progression through reducing PCSK9 expression via the regulation of the ERα-mediated signaling pathway.

  Yi Jing, Tianhui Hu, Jun Yuan, Zhikun Liu, Mingtao Tao, Mingyu Ou, Xinru Cheng, Wei Cheng, Yuanyuan Yi, Qingping Xiong.

  Biochemical Pharmacology 2023 May; 211:115541.

  Application: Func, Human, HepG2

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- Establishment and characterization of two human cutaneous angiosarcoma cell lines, KU-CAS3 and KU-CAS5.

  Hi-Jin You, Hyung-Kyu Kim, Min-Sook Kim, Yun-Hwan Lee, Jae-Ho Chung, Na-Hyun Hwang, Deok-Woo Kim, Jung-Woo Choi, Ju-Han Lee.

  Head & Neck 2022 Jan; 44(1):7.

  Application: IF, Human, HUVECs, KU-CAS3, KU-CAS5 cells

- Crocetin exerts hypocholesterolemic effect by inducing LDLR and inhibiting PCSK9 and Sortilin in HepG2 cells.

  Aisha Siddiq A, Asha Martin.

  Nutrition Research 2022 Feb; 98:41.

  Application: Quant, Human, HepG2 cells

- Impact of Curcumin on Hepatic Low-Density Lipoprotein Uptake.

  Mohammad Jalili-Nik, Khadijeh Mahboobnia, Paul C Guest, Muhammed Majeed, Khalid Al-Rasadi, Tannaz Jamialahmadi, Amirhossein Sahebkar.

  Methods in Molecular Biology (Clifton, N.J.) 2021 Sep; 2343:395.

  Application: Quant, Human, HepG2 cells

- Resveratrol downregulates PCSK9 expression and attenuates steatosis through estrogen receptor α-mediated pathway in L02 cells.

  Jing Y, Hu T, Lin C, Xiong Q, Liu F, Yuan J, Zhao X, Wang R.

  European Journal of Pharmacology 2019 Jul; 855:216.

  Application: Func, Human, L02 cells

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