

Coronary Heart Disease Risk Marker sLDL-EX “Seiken” to be Launched on April 1 in Japanese Medical Market

~ Japan's First In-vitro Diagnostic Product to Measure "Ugly Lipoprotein" Cholesterol ~



sLDL-EX Seiken

On April 1, Denka Co., Ltd. (head office: Chuo-ku, Tokyo; President and CEO: Toshio Imai) will begin to sell LDL-EX Seiken, Japan's first in-vitro diagnostic product for the measurement of the coronary heart disease risk marker¹ small dense LDL-cholesterol (sdLDL-C).

The product is a measuring reagent to help manage the risk of developing coronary heart diseases. It is capable of measuring sdLDL-C in human blood in about 10 minutes and assessing the risk of coronary heart diseases including myocardial infarction and angina pectoris when combined with general-purpose automated clinical chemistry analyzer .

Cholesterol is a type of lipid in human blood. Excess cholesterol in the blood vessels is accumulated in the liver by HDL. LDL is well known as bad lipoprotein to cause coronary heart diseases and comprised of a group of heterogeneous lipoprotein particles. Among these, small dense LDL is recently focused as ugly lipoprotein as a hidden culprit for heart disease.² Many studies have suggested a relationship with the severity of metabolic syndrome, hypertension, diabetes mellitus, and arteriosclerosis. Therefore, measuring sdLDL-C levels in a complete medical and health checkup is clinically significant.

The product will enable Denka to contribute to the prevention of heart disease which is the second most common cause of death in Japan,³ to the suppression of medical expenses, to the improvement of people's QOL and to the as alleviation of measurement burdens on medical professionals.

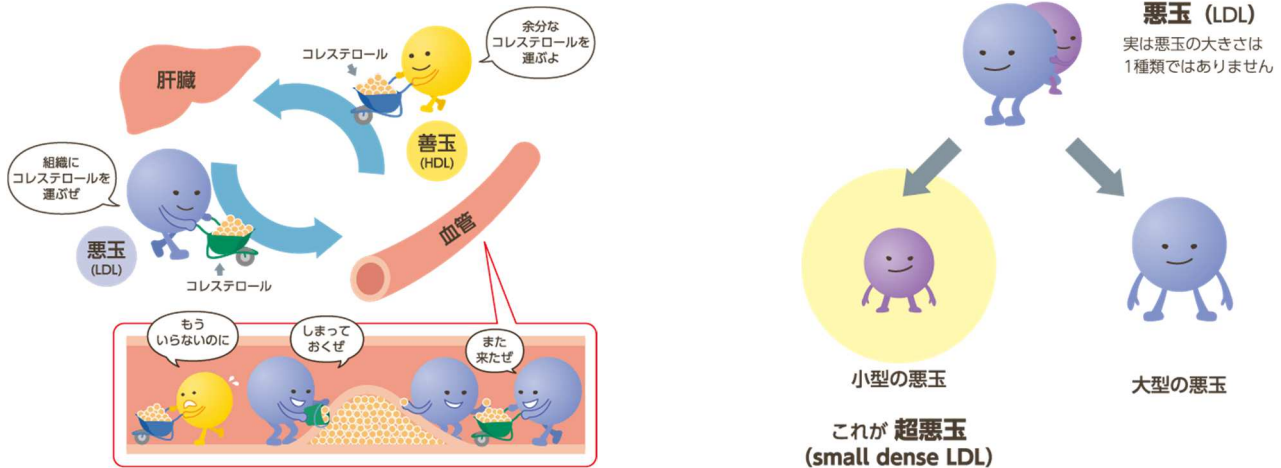
Denka aim to be an irreplaceable company for society, which creates a better world for all through work it can perform better than anybody, using the SDGs as a compass.

¹ coronary heart disease risk marker

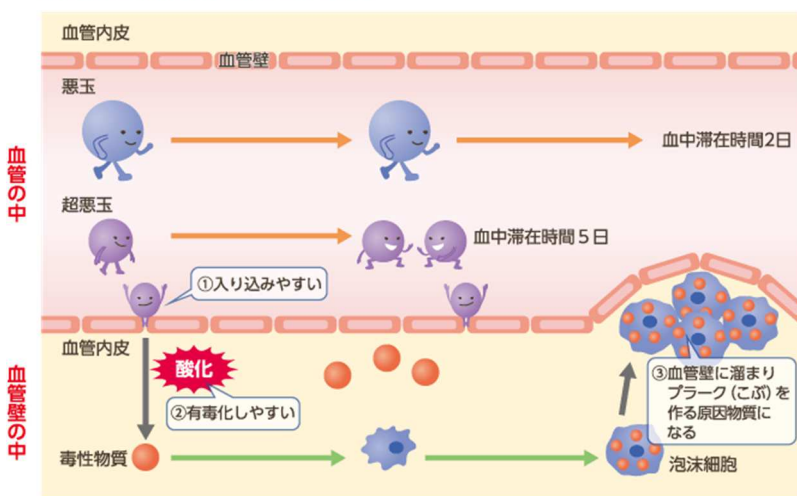
Factor that suggests the risk of the onset of coronary heart disease

² For reference

Reference: Illustrated explanation of the types and roles of cholesterol (Japanese Only)



Example: Illustrated explanation of the onset of arteriosclerosis caused by sdLDL-C
悪玉が動脈硬化を起こすまで



Source: sd-ldl.com, Denka's running website for the general public (Japanese Only)
<https://sd-ldl.com/>

(*3) Ministry of Health, Labour and Welfare, "2020 Overview of Demographic Statistics (Confirmed Figures)"

Product Overview

Generic name	sdLDL-Cholesterol kit
Product name	sLDL-EX Seiken
Manufacturing license number	30300EZX00081000
Target market	Japan
Manufacturer and distributor	Denka Company Limited
Shelf life	12 months
List price	200,000 yen (excluding tax)

For reference: Previous press release related to this subject Matter (Denka's Official Website)

November 16, 2021 "Denka is the First in Japan to Obtain Approval for Manufacturing and Selling a Measurement Reagent for the Heart Disease Risk Marker sdLDL-C" (Japanese Only)

https://www.denka.co.jp/storage/news/pdf/966/20211116_sldl-ex.pdf

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