MAY 15, 2019

UC Davis - Lipoprotein profiling and partical size

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OPEN ACCESS

DOI:

dx.doi.org/10.17504/protocols.io.yrifv4e

External link:

<https://mmpc.org/shared/document.aspx?id=263&docType=Protocol>

Protocol Citation: Peter Havel 2019. UC Davis - Lipoprotein profiling and partical size. **protocols.io** <https://dx.doi.org/10.17504/protocols.io.yrifv4e>

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Protocol status: Working
We use this protocol and it's working

Created: Mar 01, 2019

Last Modified: May 15, 2019

PROTOCOL integer ID:
21002

ABSTRACT

Summary:

Lipoprotein profiling and Lipoprotein size will be provided for CM, VLDL, LDL and HDL as well as 20 additional subclasses of lipoprotein. Testing requires as little as 10µL for full analytical testing.

BEFORE START INSTRUCTIONS

Lipoprotein profiling and size determined by LipoSEARCH <http://www.lipo-search.com/eng/index.php>

Keywords: Lipoprotein profiling, Lipoprotein size

- 1** The sample is loaded into a gel permeation column specifically designed for separating lipoprotein components. Then, lipoprotein is eluted from the column in order of larger particles to smaller ones.
- 2** Lipoprotein fractionated by particle size is fed into reaction coils, and the degraded products after reacting with reagents are sent to detectors. The levels of cholesterol and triglyceride are output in the form of chromatogram.
- 3** The data obtained is processed with our patented analyzing program. The final output is a composite chromatogram and numeric data on 4 major classes (CM, VLDL, LDL and HDL) and 20 subclasses.