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Working

# UC Davis - Lipoprotein profiling and partical size

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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 as10µL for full analytical testing.

EXTERNAL LINK

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

BEFORE STARTING

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

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.