**Table S1.** Major apolipoproteins identified by 1D gradient gel electrophoresis in three lipoprotein fractions and confirmation methodology

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Apolipoprotein | VLDL | LDL | HDL | ID Confirmation |
| apoA1 | + | + | + | LC-MS/MS a,c |
| apoA2 |  |  | + | LC-MS/MS c |
| apoB | + | + | + | LC-MS/MS a; WB b.c |
| apoB 140kDa | + | + | + | LC-MS/MS c; WB b,c |
| apoC2 | + | + | + | LC-MS/MS a,c |
| apoC3 di-sialo | + | + | + | LC-MS/MS a,c; MALDI-TOF a,c |
| apoC3 mono-sialo | + | + | + | LC-MS/MS a,c; MALDI-TOF a,c |
| apoC3 non-glycosylated | + |  | n.r. | MALDI-TOF a,c |
| apoE high MW | + | + | + | LC-MS/MS c |
| apoE low MW | + | + | + | LC-MS/MS a |
| SAA4 high MW |  |  | + | LC-MS/MS c |
| SAA4 low MW | + | + | + | LC-MS/MS c |

+, detected in all subjects; n.r., not resolved (masked by apoA2 band); ID conformation was obtained in (a) VLDL, (b) LDL, or (c) HDL fractions; MW, molecular weight; LC-MS/MS, liquid chromatography – tandem mass spectrometry; MALDI-TOF, Matrix Assisted Laser Desorption Ionization Time-of-Flight mass spectrometry.