# S3 File: List of metabolites used in the DILGOM analysis.

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This file contains a detailed description and acronyms of the 57 metabolites studied in the DILGOM study.

| Metabolites | Description | Family |
|---|---|---|
| ALB | Albumin | Fluid balance |
| XXLVLDLL | Extremely large VLDL | Total lipid concentrations in lipoprotein subclasses |
| XLVLDLL | Very large VLDL | Total lipid concentrations in lipoprotein subclasses |
| LVLDLL | Large VLDL | Total lipid concentrations in lipoprotein subclasses |
| MVLDLL | Medium VLDL | Total lipid concentrations in lipoprotein subclasses |
| SVLDLL | Small VLDL | Total lipid concentrations in lipoprotein subclasses |
| XSVLDLL | Very small VLDL | Total lipid concentrations in lipoprotein subclasses |
| IDLL | IDL | Total lipid concentrations in lipoprotein subclasses |
| LLDLL | Large LDL | Total lipid concentrations in lipoprotein subclasses |
| MLDLL | Medium LDL | Total lipid concentrations in lipoprotein subclasses |
| SLDLL | Small LDL | Total lipid concentrations in lipoprotein subclasses |
| XLHDLL | Very large HDL | Total lipid concentrations in lipoprotein subclasses |
| LHDLL | Large HDL | Total lipid concentrations in lipoprotein subclasses |
| MHDLL | Medium HDL | Total lipid concentrations in lipoprotein subclasses |
| SHDLL | Small HDL | Total lipid concentrations in lipoprotein subclasses |
| IDLC | IDL cholesterol | Cholesterol |
| LDLC | LDL cholesterol | Cholesterol |
| HDLC | HDL cholesterol | Cholesterol |
| SERUMTG | Triglycerides | Lipids |
| SERUMC | Total cholesterol | Cholesterol |
| VLDLD | VLDL diameter | Lipoprotein particle size |
| LDLD | LDL diameter | Lipoprotein particle size |
| HDLD | HDL diameter | Lipoprotein particle size |
| HDL2C | HDL2 cholesterol | Cholesterol |
| APOA1 | Apolipoprotein A-I | Apolipoproteins |
| APOB | Apolipoprotein B | Apolipoproteins |

| | | |
|---|---|---|
| HDL3C | HDL3 cholesterol | Cholesterol |
| BOHBUT | 3-hydroxybutyrate | Ketone bodies |
| ACE | Acetate | Ketone bodies |
| ACACE | Acetoacetate | Ketone bodies |
| ALA | Alanine | Amino acids |
| CIT | Citrate | Glycolysis-related metabolites |
| CREA | Creatinine | Fluid balance |
| GLC | Glucose | Glycolysis-related metabolites |
| GLN | Glutamine | Amino acids |
| GLOL | Glycerol | Glycolysis related metabolites |
| GLY | Glycine | Amino acids |
| GP | Glycoprotein acetyls | Inflammation |
| HIS | Histidine | Amino acids |
| ILE | Isoleucine | Branched-chain amino acids |
| LAC | Lactate | Glycolysis-related metabolites |
| LEU | Leucine | Branched-chain amino acids |
| PHE | Phenylalanine | Aromatic amino acids |
| PYR | Pyruvate | Glycolysis-related metabolites |
| TYR | Tyrosine | Aromatic amino acids |
| UREA | Urea | |
| VAL | Valine | Branched-chain amino acids |
| FAW3 | Omega-3 fatty acids | Fatty acids |
| FAW6 | Omega-6 fatty acids | Fatty acids |
| TOTFA | Total fatty acids | Fatty acids |
| LA | Linoleic acid | Fatty acids |
| DHA | Docosahexaenoic acid | Fatty acids |
| MUFA | Monounsaturated fatty acids | Fatty acids |
| TOTPG | Phosphoglycerides | Lipids |
| PC | Phosphatidylcholines | Lipids |
| SM | Sphingomyelins | Lipids |
| FAW3FA | Omega-3 fatty acids (%) | Fatty acids |
| FAW6FA | Omega-6 fatty acids (%) | Fatty acids |
| FALEN | Fatty acid chain length | Saturation measures |

Table A: detailed description and acronyms of the 57 metabolites studied in the DILGOM study. HDL and LDL stand for High Density Lipoprotein and Low Density Lipoprotein, respectively.