

Supplemental Table 1. Proteins associated with HDLs.

Protein metabolism	Function	Reference
<u>Lipid metabolism</u>		
Apolipoprotein A-I		1–5
Apolipoprotein A-II		1, 3, 5
Apolipoprotein A-IV*		1–5
Apolipoprotein B-100		1
Apolipoprotein C-I		1, 4, 5
Apolipoprotein C-II		1, 3–5
Apolipoprotein C-III		1–5
Apolipoprotein C-IV		1
Apolipoprotein D		1, 3, 5
Apolipoprotein E*		1, 3–5
Apolipoprotein F		5
Apolipoprotein J		3
Apolipoprotein L-I		1–5
Apolipoprotein M*		1, 3, 5
Cholesteryl ester transfer protein		1,3
Clusterin		1
Lecithin-cholesterol acyltransferase		1
Lipoprotein lipase		3
Paraoxonase 1*		1, 3, 5
Phospholipid transfer protein		1
Serum amyloid A		1, 3, 4
Serum amyloid A1		1
Serum amyloid A2		1
Serum amyloid A4		1, 4
<u>Proteinase inhibitors</u>		
Alpha-2-HS-glycoprotein		1
Alpha-2-macroglobulin		1
Alpha-1 proteinase inhibitor		2
Angiotensinogen		1
Inter- α trypsin inhibitor H4		2
Inter- α trypsin inhibitor H2		2
<u>Complement activation</u>		
Clusterin		1
C1q (Chain A, Chain C)		1
C1r		1

Complement component 1 inhibitor	3
Complement C3*	1,3
Complement C4B*	1
Complement C4A	1
Vitronectin	1
Complement factor H-related protein	1, 3
Complement factor H precursor	1

Coagulation

_β2-glycoprotein I	1
Coagulation factor V	1
Coagulation factor VIII-associated protein	3
Growth arrest-specific gene-6	3
Plasma kallikrein B1	3
Plasminogen	1
Sialic acid-binding Ig-like lectin 5	3
Tissue factor pathway inhibitor	3

Acute phase response

α ₁ -acid glycoprotein 2	1
α ₂ -HS-glycoprotein	1
Apolipoprotein A-I	1-4
Complement C3*	1,3
Complement C4A	1
Complement C4B*	1
C reactive protein	3
Fibrinogen (α, β, and γ chains)	1,2
LPS-binding protein	2
Paraoxonase 1*	1, 3
Serum amyloid A1	1
Serum amyloid A2	1
Vitronectin	1

Other

α ₁ -antitrypsin	Endopeptidase inhibitor	1, 4
α ₂ -antiplasmin	Endopeptidase inhibitor	1
β ₁ glycoprotein		2, 3
α-amylase salivary		4
CD5	Lymphocyte-binding protein	1
Ceroplamin		3
C-type lectin super family member 1		3

Desmocollin	Cell adhesion molecule	3
HAS		3
Haptoglobin-related protein	Hemoglobin binding	1,3
Histidine-rich glycoprotein	Extra-cellular protein	1
Histone H2A	Chromosome organization	1
HLA-A protein		3
IgG		3
Insulinoma-associated protein I A-6		3
Latent transforming growth factor _	Associated with abdominal obesity	3
Latent transforming growth factor beta-binding protein 2	Binds to LTGFB	3
Notch homolog 1	Immune response	3
POU 5 domain protein	Transcription factor	3
Protein tyrosine phosphatase		3
Macrophage-stimulating factor 1	Stimulates immune cell maturation	3
Meningioma-expressed antigen 5		3
Ryanodine receptor 2	Mediates calcium release	3
SH ₂ domain protein 1A	Transcription regulation	3
Serotransferrin	Endocytic vesicle	1
Serum albumin		1
Transferrin	Iron transport	3
Transthyretin	Transport	2,3
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CIP-interacting zinc finger protein	Uncertain	3
dj675G8.1 (novel zinc finger protein)	Uncertain	3
dj733D15.1	Uncertain	3
dj758N20.1 (protein kinase)	Uncertain	3
Hypothetical protein dj1057 B20.2	Uncertain	3
KIA 0675 gene product	Uncertain	3
KIAA 1095	Uncertain	3
KIAA 1730 protein	Uncertain	3
TAT-interactive protein, 72-kDa	Uncertain	3

* Levels of these proteins were higher in HDL isolated from patients with CAD compared to controls (1).

Supplemental references

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3. Rezaee, F., Casetta, B., Levels, J.H., Speijer, D., and Meijers, J.C. 2006. Proteomic analysis of high-density lipoprotein. *Proteomics* 6:721-730.
4. Karlsson, H., Leanderson, P., Tagesson, C., and Lindahl, M. 2005. Lipoproteomics II: mapping of proteins in high-density lipoprotein using two-dimensional gel electrophoresis and mass spectrometry. *Proteomics* 5:1431-1445.
5. Heller, M., Stalder, D., Schlappritzi, E., Hayn, G., Matter, U., and Haerberli, A. 2005. Mass spectrometry-based analytical tools for the molecular protein characterization of human plasma lipoproteins. *Proteomics* 5:2619-2630.