

Amino acids

his									*			
gln	*		*	*	*	*	*	*				

Aromatic amino acids

tyr	*	*	*	*	*	*	*	*	*			
phe	*	*	*	*	*	*	*	*	*			*

Branched-chain amino acids

val	*	*	*	*	*	*	*	*	*			
leu	*	*	*	*	*	*	*	*				
ile	*	*	*	*	*	*	*	*				

Apolipoproteins

apob	*	*	*	*	*	*	*	*
apoa1	*	*	*	*	*	*	*	*

Cholesterol

hdlc	*	*	*	*	*	*	*	*
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Fatty acids

				*		*	*				
*	*	*	*	*		*	*				
								*			

Lipoprotein particle size

vldld	*	*		*	*	*	*	*
hdlld	*	*	*	*	*	*	*	*

Fluid balance

alb									*			
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Glycerides and phospholipids

serumtg	*	*	*	*	*	*	*	*
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Glycolysis related metabolites

pyr									*			
lac					*	*		*				

Small HDL

shdltg	*	*	*	*	*	*	*	*
shdll					*		*	*

Medium HDL

*	*	*	*	*	*	*	*				
*	*	*	*	*	*	*	*				
*	*	*	*	*	*	*	*				

Large HDL

lhdll	*	*	*	*	*	*	*	*
lhdfc	*	*	*	*	*	*	*	*
lhdlce	*	*	*	*	*	*	*	*
lhdlc	*	*	*	*	*	*	*	*

Very large HDL

									*			
*	*	*	*	*	*	*	*	*				
*	*	*	*	*	*	*	*	*				
*	*	*	*	*	*	*	*	*				
*	*	*	*	*	*		*					
									*			

IDL

idltg	*	*	*	*	*	*	*	*
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Very Small VLDL

xsvldltg	*	*		*	*	*	*	*
xsvldll	*	*		*	*	*	*	*

Small VLDL

svldltg	*	*		*	*	*	*	*
svldll	*	*	*	*	*	*	*	*

Medium VLDL

mvldltg	*	*		*	*	*	*	*
mvldll	*	*		*	*	*	*	*
mvldlfc	*	*		*	*	*	*	*

Large VLDL

lvldltg	*	*		*	*	*		*
lvldlpl	*	*		*	*	*		*
lvldlp	*	*		*	*	*		*
lvldll	*	*	*	*	*	*	*	*
lvldlfc	*	*		*	*	*	*	*

Very large VLDL

xlvldltg	*	*		*	*	*	*	*
xlvldlpl	*	*		*	*	*		*
xlvldlp	*	*		*	*	*		*
xlvldll	*	*		*	*	*	*	*

Extremely large VLDL

xxlvldlpl	*	*		*	*	*	*	*
xxlvldlp	*	*		*	*	*	*	*
xxlvldll	*	*		*	*	*	*	*

Observational BMI
MR BMI Kettunen
MR BMI INTERVAL
MR BMI Meta-analysis
Observational WHR
MR WHR Kettunen
MR WHR INTERVAL
MR WHR Meta-analysis
Observational BF
MR BF Kettunen
MR BF INTERVAL
MR BF Meta-analysis