

## Supplementary Material

**Table S1** Baseline laboratory variables across tertiles of alkaline phosphatase.

	Tertiles of alkaline phosphatase				p
	Total Sample	Lower	Middle	Highest	
Estimated glomerular filtration rate, mL/min/1.73 m <sup>2</sup>	80.7 (70.57-91.79)	83 (72.24-92.35)	80.79 (71.98-90.51)	78.63 (68.53-92.21)	NS
Aspartate aminotransferase, IU/L	21 (18-25)	21 (18.25)	22 (18-26)	21 (18-25)	NS
Alanine aminotransferase, IU/L	22 (17-29)	21 (16-28)	22 (17-29)	22 (17-29)	NS
Gamma-glutamyltranspetidase, IU/L	18 (13-28)	18 (12-25.5)	18 (13-28)	20 (14-30)	NS
Total bilirubin, mg/dL	0.6 (0.5-0.8)	0.7 (0.5-0.8)	0.6 (0.5-0.8)	0.6 (0.5-0.8)	NS
Direct bilirubin mg/dL	0.1 (0.08-0.13)	0.11 (0.09-0.14)	0.1 (0.08-0.13)	0.09 (0.07-0.12)	<0.05
Hemoglobin, g/dL	14 (13.2-14.9)	14.1 (13.2-15.1)	13.9 (13.1-14.9)	13.9 (13.1-14.6)	NS
Calcium, md/dL	9.7 (9.4-10)	9.7 (9.4-10)	9.76 (9.4-10)	9.6 (9.4-9.9)	<0.05
Phosphate, mg/dL	3.3 (3-3.7)	3.2 (2.9-3.6)	3.3 (3-3.8)	3.4 (2.95-3.7)	NS
Albumin, g/dL	-	4.4 (4.3-4.6)	4.4 (4.2-4.6)	4.5 (4.3-4.7)	NS

Tertiles of alkaline phosphatase were defined as the following: lowest: <67 U/L, middle: 67-79 U/L, highest: ≥79 U/L

**Table S2** Participants' alkaline phosphatase levels and metabolic profile stratified by lipid-lowering therapy.

	No lipid-lowering therapy	Lipid-lowering therapy	p
Alkaline Phosphatase, IU/L	69 (55-92)	64 (53-82)	<0.05
Systolic blood pressure, mmHg	140 (126-150)	134 (123-150)	<0.05
Diastolic blood pressure, mmHg	86 (80-95)	80 (75-90)	<0.05
Fasting plasma glucose, mg/dL	95 (87-105)	99 (90-112)	<0.05
Total cholesterol, mg/dL	257 (228-291)	205 (179-246)	<0.05
Triglycerides, mg/dL	131 (94-188)	127 (90-179)	NS
High-density lipoprotein cholesterol, mg/dL	52 (45-64)	51 (43-60)	<0.05
Low-density lipoprotein cholesterol, mg/dL	173 (146-201)	124 (100-164)	<0.05