

	No T2D	n	T2D	n	p
Age [years]	44.8 ± 11.5	9	44.9 ± 10.6	9	0.98
Sex [female/male]	7/2	9	5/4	9	0.32
BMI [kg/m ²]	46.6 ± 5.3	9	47.3 ± 5.1	9	0.78
FPG [mmol/l]	5.0 ± 0.4	9	7.9 ± 2.6	9	0.01
FPI [pmol/l]	51.2 ± 26.2	9	254.6 ± 189.5	9	0.01
HOMA-IR	1.6 ± 0.7	9	14.4 ± 17.6	9	0.06
HbA1c [%]	5.2 ± 0.3	9	6.7 ± 0.7	9	2.3 × 10 ⁻⁴
Lipid markers					
HDL [mmol/l]	1.3 ± 0.5	9	1.0 ± 0.3	9	0.16
LDL [mmol/l]	2.7 ± 0.7	9	2.3 ± 0.9	9	0.34
Triglycerides [mmol/l]	1.0 ± 0.4	9	2.6 ± 3.2	9	0.15
Body fat [%]	48.8 ± 9.4	9	42.5 ± 12.0	9	0.25
Blood cells					
Leucocytes [Gpt/l]	7.4 ± 2.7	9	8.8 ± 2.7	9	0.28
Erythrocytes [Tpt/l]	4.9 ± 0.4	9	5.0 ± 0.3	9	0.51
Thrombocytes [Gpt/l]	258.2 ± 80.2	9	257.9 ± 70.0	9	0.99
Inflammation					
LBP [µg/ml]	10.0 ± 4.0	7	13.3 ± 4.2	9	0.14
TNF-α [pg/ml]	1.4 0.6	7	2.0 ± 1.1	9	0.26
IL-6 [pg/ml]	2.7 ± 1.8	7	6.0 ± 5.2	9	0.14
CRP [mg/l]	8.9 ± 7.1	9	7.0 ± 5.5	9	0.53
Adipokine and Apolipoproteins					
Adipsin [µg/ml]	1.3 ± 0.4	8	1.1 ± 0.4	9	0.28
Adiponectin [ng/ml]	182.0 ± 128.9	8	90.8 ± 50.0	9	0.08
Chemerin [ng/ml]	90.4 ± 24.5	8	60.3 ± 19.0	9	0.02
Leptin [ng/ml]	233.2 ± 218.5	8	278.9 ± 141.3	9	0.63
PAI-1 [ng/ml]	48.0 ± 23.21	8	50.3 ± 24.2	9	0.85
Progranulin [ng/ml]	162.0 ± 31.1	8	154.0 ± 49.7	9	0.72
RBP-4 [µg/ml]	6.3 ± 1.9	8	6.2 ± 3.1	9	0.92
Visfatin [ng/ml]	41.8 ± 12.0	8	22.3 ± 10.1	9	0.004
ApoA1 [µg/ml]	538.9 ± 144.6	8	471.8 ± 93.1	9	0.30
ApoA2 [µg/ml]	15.8 ± 3.7	8	13.4 ± 2.3	9	0.15
ApoA4 [µg/ml]	8.2 ± 2.5	9	10.5 ± 7.0	9	0.43
ApoB100 [µg/ml]	18.8 ± 15.5	8	13.7 ± 6.3	9	0.40
ApoC1 [µg/ml]	14.1 ± 3.6	8	11.2 ± 6.0	9	0.26
ApoC2 [µg/ml]	5.2 ± 1.8	8	5.0 ± 1.2	9	0.83
ApoC3 [µg/ml]	4.8 ± 1.9	8	6.0 ± 4.1	9	0.51
ApoC4 [ng/ml]	213.7 ± 131.5	8	305.3 ± 226.4	9	0.35
ApoD [µg/ml]	2.1 ± 0.7	8	1.5 ± 0.4	9	0.10
ApoE [µg/ml]	7.7 ± 1.9	8	8.3 ± 5.1	9	0.77
Life style					
Tobacco [ever/never]	3/3	6	2/0	2	0.21
Alcohol [yes/no]	3/3	6	1/1	2	1.00

Cohort characteristics; values as mean ± standard deviation, all comparisons: Student's t-test, except sex, tobacco, alcohol (*): Chi² test

BMI: body mass index, FPG: fasting plasma glucose, FPI: fasting plasma insulin, HOMA-IR: homeostatic model assessment for insulin resistance, HbA1c: glycated hemoglobin A1C, HDL/LDL: high/ low density lipoprotein, LBP: lipopolysaccharide binding protein, TNF- α : tumor necrosis factor alpha, IL-6: interleukin 6, CRP: C-reactive protein, Alcohol: any consumption of alcoholic beverages during the past six months