

| | 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