

Table S1. Details of the Biomarkers assay methods.

Biomarker	Procedure	Minimum Detectable Dose (MDD)	Commercial
IL-6	Quantikine® ELISA	0.368 pg/ml	R&D Systems
TNF- α	Quantikine® ELISA	4 pg/ml	R&D Systems
Leptin	Quantikine® ELISA	7,8 pg/ml	R&D Systems
Adiponectin	Quantikine® ELISA	0,195 ng/ml	R&D Systems
Klotho	High sensitive ELISA	6,4 pg/ml	Abyntek

Note: IL-6 = interleukin 6; TNF = Tumor necrosis factor; L/A = leptin/adiponectin ratio.