

Article

A Decrease in Branched-Chain Amino Acids after a Competitive Male Professional Volleyball Game—A Metabolomic-Based Approach

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Supplementary Table S1. Serum concentrations of biochemical markers analyzed in the study of professional volleyball athletes ($n=13$).

Variables	Before	After	p-value
	Mean \pm SD	Mean \pm SD	
AST(U/l)	21.27 \pm 14.27	21.36 \pm 15.69	0.468
ALT(U/l)	16.48 \pm 7.17	17.96 \pm 6.10	0.071
Glucose (mg/dl)	76.62 \pm 24.81	88.73 \pm 26.31	0.669
CK (U/l)	339.46 \pm 227.35	310.22 \pm 233.26	0.426
Lactate (mmol/l)	12,685.76 \pm 4920.20	11,327.83 \pm 5883.91	0.355
Uric Acid	3.39 \pm 1.11	3.32 \pm 1.57	0.707
Triglycerides (mg/dl)	52.15 \pm 26.99	41.43 \pm 21.10	0.521
LDL (mg/dl)	70.72 \pm 33.71	73.17 \pm 23.97	0.533
HDL (mg/dl)	41.47 \pm 15.07	44.70 \pm 13.90	0.630
Cholesterol (mg/dl)	124.06 \pm 58.46	131.74 \pm 59.37	0.893
Hydroxybutyrate (mmol/l)	0.12 \pm 0.10	0.1 \pm 0.07	0.902
CAT (mmol/l)	1.96 \pm 0.29	2.12 \pm 0.32	0.951

Total Antioxidant Capacity (CAT), low density lipoprotein (LDL), high density lipoprotein (HDL), standard deviation (SD), international units (IU), liter (l), milligram (mg), deciliter (dl), millimole (mmol). Data are presented as mean \pm standard deviation.