**Table 2.** Plasma free amino acid values (µmol/L)of the groups

|  |  |  |  |
| --- | --- | --- | --- |
| **Amino acids** | **HM**† **Patients (n: 23)**  **Mean ± Standart Deviation** | **Controls (n: 24)**  **Mean ± Standart Deviation** | **P** |
| Methyl Glutaryl | 0.05 ± 0.02 | 0.05 ± 0.04 | NS |
| Val | 290.96 ± 97.10 | 358.61 ± 75.40 | **0.03** |
| Leu\Ile | 297.93 ± 93.52 | 334.35 ± 85.40 | NS |
| Met | 54.75 ± 15.88 | 58.05 ± 13.10 | NS |
| Phe | 184.51 ± 56.04 | 207.37 ± 51.54 | NS |
| Asa | 0.10 ± 0.03 | 0.15 ± 0.02 | NS |
| Tyr | 80.81 ± 25.97 | 92.15 ± 27.14 | NS |
| Asp | 61.08 ± 15.34 | 64.56 ± 13.04 | NS |
| Ala | 475.46 ±103.55 | 556.99 ± 105.16 | **0.019** |
| Arg | 428.87 ± 138.91 | 547.11 ± 140.20 | **0.009** |
| Cit | 46.07 ± 14.21 | 52.39 ± 13.71 | NS |
| Gly | 378.11 ± 108.23 | 373.16 ± 96.86 | NS |
| Orn | 114.06 ± 19.46 | 100.16 ± 28.87 | NS |
| Glu | 193.74 ± 83.33 | 179.58 ± 42.37 | NS |

HM, hydatidiform mole; NS, not significant; Val, valine; Leu\Ile, Leucine\Isoleucine; Met, methionine; Phe, phenylalanine; Asa, argininosuccinic acid; Tyr, tyrosine; Asp, aspartic acid; Ala, alanine; Arg, arginine; Cit, citrulline; Gly, glycine; Orn, ornithine; Glu, glutamic acid.