Electronic Supplemental Information

The determination of salivary oxypurines before and after exercise by combined liquid chromatography-field asymmetric waveform ion mobility spectrometry-time-of-flight mass spectrometry

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Table 1 Salivary hypoxanthine concentrations at sampling time points pre- and post-exercise; where (-) indicates a sample was not collected at that time-point

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sample ID** | **Hypoxanthine concentration (ng mL-1)** | | | |
| **Pre** | **Post** | **1-hour Post** | **24-hour Post** |
| S001A | (-) | 19.4 | (-) | 73.4 |
| S001B | 44.9 | 11.9 | 25.6 | 31.6 |
| S002A | 20.7 | 13.2 | 10.0 | 26.4 |
| S002B | 6.3 | 24.2 | 4.7 | 25.5 |
| S003A | 16.7 | 34.1 | 10.1 | 41.6 |
| S003B | 50.9 | 26.1 | 13.5 | 31.2 |
| S004A | 242.9 | 116.6 | 62.0 | 133.6 |
| S004B | 105.9 | 60.3 | 38.4 | 180.8 |
| S005A | 8.8 | 6.4 | <2.0 | 3.3 |
| S005B | 3.5 | 8.8 | 8.1 | <2.0 |
| S006A | 41.6 | (-) | 7.6 | 16.1 |
| S006B | 24.6 | 21.9 | 6.9 | 17.5 |
| S007A | (-) | 12.2 | 6.4 | 21.2 |
| S007B | 46.6 | <2.0 | <2.0 | 5.3 |
| S009A | 81.0 | 25.5 | 23.3 | 129.2 |
| S009B | 121.8 | 41.1 | 13.6 | <2.0 |
| S010A | <2.0 | <2.0 | <2.0 | 18.7 |
| S010B | 3.1 | <2.0 | <2.0 | <2.0 |
| S011A | 18.4 | 21.0 | 5.0 | 10.1 |
| S011B | 36.0 | 14.6 | 7.9 | 20.1 |
| S012A | 22.7 | <2.0 | <2.0 | 80.8 |
| S012B | 23.1 | 11.0 | 2.3 | 12.7 |

Table 2 Salivary xanthine concentrations at sampling time points pre- and post-exercise; where (-) indicates a sample was not collected at that time-point

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sample ID** | **Xanthine concentration (ng mL-1)** | | | |
| **Pre** | **Post** | **1-hour Post** | **24-hour Post** |
| S001A | (-) | 109.0 | (-) | 304.3 |
| S001B | 223.2 | 106.3 | 142.1 | 169.6 |
| S002A | 64.2 | 51.2 | 46.5 | 83.2 |
| S002B | 37.0 | 77.7 | 31.4 | 57.8 |
| S003A | 107.6 | 119.0 | 73.2 | 176.7 |
| S003B | 207.3 | 110.1 | 58.1 | 180.4 |
| S004A | 599.4 | 248.6 | 96.9 | 202.8 |
| S004B | 332.4 | 161.9 | 67.9 | 351.3 |
| S005A | 74.7 | 51.0 | 11.4 | 15.4 |
| S005B | 22.4 | 43.5 | <1.8 | 11.9 |
| S006A | 244.1 | (-) | 47.5 | 69.1 |
| S006B | 190.6 | 168.3 | 65.0 | 100.6 |
| S007A | (-) | 23.3 | <1.8 | 31.2 |
| S007B | 136.6 | 5.5 | <1.8 | 8.3 |
| S009A | 295.1 | 70.0 | 190.9 | 618.4 |
| S009B | 1183.1 | 157.0 | 241.2 | 215.6 |
| S010A | <1.8 | <1.8 | <1.8 | 428.6 |
| S010B | 328.9 | 65.8 | 31.5 | 141.4 |
| S011A | 36.1 | 69.1 | 11.1 | 12.7 |
| S011B | 45.1 | 40.0 | 18.7 | 18.6 |
| S012A | 317.2 | 3.1 | 62.8 | 325.1 |
| S012B | 86.1 | 26.4 | 42.8 | 77.1 |