**Table S2**. Reference values in venous blood of horses.

|  |  |
| --- | --- |
| **Variable** | **Reference range** |
| pH | 7.32-7.46[46] |
| pCO2 (mmHg) | 38-46[46] |
| HCO3- (mmol/L) | 24-30[46] |
| BE (mmol/L) | 0-6.0[46] |
| Lactate (mmol/L) | <2 [46] |
| Na+ (mmol/L) | 132-146[46] |
| K+ (mmol/L) | 3.0-5.0[46] |
| Cl- (mmol/L) | 99-109[46] |
| iCa2+ (mmol/L) | 1.4-1.7[46] |
| PPT (g/dL) | 6.0-7.7[46] |
| SID4 (mmol/L) | ±40[16] |
| AG (mmol/L) | 8-13 [17] |
| SIG (mmol/L) | -2 to +6 [17] |
| Atot (mmol/L) | 12-15[16] |

**References**

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