

Table S1. Foals complete blood cell counts, serum biochemistry, electrolyte concentrations and rapid determinations at birth. Data are expressed as mean \pm standard deviation (min-max). For normal values refer to [27–30].

Haematology									
Haemoglobin g/dL	Haematocrit %	Erythrocytes 10 ⁶ /μL	Platelets 10 ³ /μL	Leucocytes 10 ³ /μL	Lymphocytes 10 ³ /μL	Monocytes cells/μL	Neutrophils 10 ³ /μL	Eosinophils cells/μL	Basophils cells/μL
16.0 ±0.8 (14.5-17.6)	48.3 ±2.1 (44.8-52.0)	11.2 ±0.6 (10.4-12.1)	197.8 ±39.8 (134-274)	8.3 ±1.1 (6.4-10.3)	1.4 ±0.4 (1.1-2.4)	218.6 ±71.6 (80-340)	6.6 ±1.0 (4.9-8.1)	15.7 ±12.2 (0-40)	82.9 ±153.4 (10-610)
Normal haematology values in one day old foals [27]:									
12.0-16.6	32-46	8.2-11.0	129-409	4.9-11.7	0.7-2.1	70-390	3.4-9.6	0-20	0-30
Serum biochemistry									
Creatine kinase IU/L	Total bilirubin mg/dL	Triglycerides mg/dL	Total protein g/dL	Albumin g/dL	Albumin / Globulin	Blood urea nitrogen mg/dL	Creatinine mg/dL	Fibrinogen g/L	Serum amyloid A μg/dL
232 ±93 (102-370)	2.4 ±0.8 (1.6-4.6)	11.1 ±6.3 (2-24)	4.1 ±0.2 (3.8-4.7)	3.3 ±0.3 (2.8-3.8)	4.3 ±1.2 (2.9-7.0)	35.2 ±4.7 (28.0-42.4)	2.6 ±0.4 (1.9-3.5)	1.6 ±0.2 (1.4-2.0)	7.9 ±7.0 (1-23)
Normal serum biochemistry values in one day old foals [28,29]:									
40-909	1.3-4.5	30-193	4.3-8.1	2.5-3.6		9-40	1.2-4.3	1-4	0-37
Electrolyte concentrations									
Phosphorus mg/dL	Calcium mg/dL		Sodium mg/dL	Potassium mg/dL		Chlorine mg/dL	Magnesium mg/dL		
5.6 ±0.8 (4.1-6.9)	13.0 ±0.5 (12.3-14.2)		142.5 ±1.6 (140-145)	4.7 ±1.6 (4.0-5.7)		101.7 ±2.7 (96.9-104.9)	1.9 ±2.1 (1.7-2.1)		
Normal electrolyte concentrations in one day old foals [28]:									
3.8-7.4	9.7-13.7		123-159	3.6-5.6		90-114	0.6-4.2		
Rapid determinations									
Jugular vein glucose mg/dL				Umbilical vein lactate mmol/L			Jugular vein lactate mmol/L		
90.6 ±20.1 (51-127)				4.3 ±3.9 (0.5-15.1)			3.6 ±2.1 (0.5-8.5)		
Normal determinations in foals at birth [28,30]:									
67-99				3.2-4.7			2.3-5.0		

References

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