

1 **Supplementary table S4: Details of the new reference intervals established in Siberian cats reported according to the NCCLS³ and ASVCP⁴**
 2 **guidelines**

Analyte	SI Units	N	Mean	SD	Median	Min	Max	RI ^a	Lower Ref Lim 90% CI	Upper Ref Lim 90% CI	Dist. ^b	Method ^c
Reticulocytes	%	44	0.5	0.3	0.5	0.0	2.1	0.0-1.9 (2S)	0.0-0.2	1.0-2.1	NG	NP
HCT	L/L	44	0.41	0.09	0.40	0.22	0.66	0.23-0.65 (1S)	0.22-0.28	0.57-0.66	G	NP
MCV	fL	44	46.5	6.4	45.8	35.9	59.9	36.0-59.7	35.9-36.8	57.4-60.0	G	NP
MCH	pg/cell	44	14.5	1.6	14.1	12.8	23.0	12.8-22.1	12.8-12.9	15.6-23.0	NG	NP
MCHC	g/L	44	316	56	312	239	580	239-559 (1S)	239-251	382-580	NG	NP
Platelets	10 ¹² /L	32	256	135	243	33	522	34-522	33-64	472-522	G	NP
Total protein	g/L	43	58	8	55	47	84	47-83	47-49	70-84	NG	NP
Albumin	g/L	43	37	3	37	30	45	30-45	30-32	43-45	G	NP
Globulin	g/L	43	21	6	19	13	40	14-40	13-14	33-40	NG	NP
A:G ratio	ratio	43	1.88	0.51	1.82	0.99	2.85	1.00-2.84	0.99-1.13	2.65-2.85	G	NP
α ₁ -globulin	g/L	42	1	0	1	1	3	1-3	1-1	2-3	NG	NP
β ₁ -globulin	g/L	42	4	1	3	2	7	2-7	2-2	6-7	NG	NP

β_2 -globulin	g/L	42	2	2	2	1	9	1-9	1-1	5-9	NG	NP
γ -globulin	g/L	42	7	3	6	3	13	3-13	3-3	11-13	NG	NP
Glucose	mmol/L	38	4.66	1.47	4.36	1.83	8.66	2.03-8.04	1.62-2.56	7.08-9.01	G	RT
Urea	mmol/L	47	4.73	1.19	4.64	2.33	7.61	2.35-7.55 (3S)	2.33-2.85	6.78-7.61	G	NP
Creatinine	mmol/L	44	123.8	35.4	123.8	53.0	221.0	53.0-221.0	53.0-79.6	185.6-221.0	G	NP
Cholesterol	mmol/L	44	3.72	1.33	3.48	0.39	7.65	0.58-7.48 (2S)	0.39-2.01	6.07-7.65	NG	NP
ALT	U/L	42	65.4	34.3	62.0	2.0	163.0	2.1-161.0 (2S)	2.0-16.2	116.1-163.0	G	NP
ALP	U/L	41	69.7	42.6	62.0	7.0	186.0	7.9-185.8 (1S)	7.0-20.5	158.3-186.0	NG	NP
Phosphate	mmol/L	34	2.81	0.42	2.81	1.84	4.20	2.03-3.81 (2S)	1.91-2.26	3.49-4.20	NG	RT
Calcium	mmol/L	34	2.18	0.34	2.16	1.43	3.24	1.59-2.95 (2S)	1.47-1.74	2.70-3.24	NG	RT

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4 ^a(S) indicates the number of suspected outliers present; (R) indicates the number of far outliers identified and removed ^bG, Gaussian; NG, non-
5 Gaussian ^cMethod: R, robust; T, transformed, data transformed to Gaussian prior to applying parametric or robust methods; NP: non parametric.
6 ^dLog transformed before analysis of reference intervals. RI: Reference interval; Ref Lim: Reference Limit; Dist: Distribution

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