

1 **Supplementary table S3: Details of the new reference intervals established in Norwegian Forest cats reported according to the NCCLS³ and**
 2 **ASVCP⁴ 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
RBC	10 ¹² /L	42	8.8	1.6	9.2	4.5	10.8	4.5-10.8	4.5-5.8	10.6-10.8	NG	NP
Reticulocytes	%	30	0.4	0.2	0.3	0	0.87	0.1-0.8 (3S)	0.0-0.1	0.6-1.0	NG	RT
HCT	L/L	42	0.39	0.07	0.40	0.22	0.55	0.22-0.55 (1S)	0.22-0.29	0.49-0.55	G	NP
MCH	pg/cell	42	14.1	1.1	13.9	12.2	18.1	12.3-16.9	12.0-12.9	15.8-18.2	NG	RT
MCHC	g/L	42	315	27	316	249	389	249-389 (4S)	249-264	345-389	NG	NP
WBC	10 ⁶ /L	42	9.5	4.6	8.3	2.5	21.5	2.5-21.2	2.5-3.5	17.6-21.5	NG	NP
Platelets	10 ¹² /L	27	183	118	158	12	539	12-493	2-37	390-613	G	RT
Albumin	g/L	28	34	9	35	21	54	19-55	17-22	49-60	G	RT
Globulin	g/L	28	28	6	29	15	42	16-41	13-20	37-45	G	RT
A:G ratio	ratio	28	1.29	0.54	1.18	0.54	2.69	0.47-2.67	0.40-0.60	2.17-3.19	NG	RT
α ₁ -globulin	g/L	28	2	1	2	1	3	1-3	1-1	3-4	G	RT
α ₂ -globulin	g/L	28	7	3	6	3	13	1-14	0-2	12-16	G	RT

β_2 -globulin	g/L	28	4	1	4	1	6	1-7	1-2	6-8	G	RT
γ -globulin	g/L	28	11	4	11	4	20	3-21	2-5	18-24	G	RT
Urea	mmol/L	28	4.27	1.04	4.08	2.57	7.03	2.77-7.25 (1S)	2.56-3.06	5.94-9.03	NG	RT
Cholesterol	mmol/L	26	3.67	0.97	3.56	2.20	5.77	2.25-6.89	2.05-2.24	5.30-8.09	NG	RT
ALP	U/L	28	161.2	108.3	133.5	23.0	374.0	21.6-505.0	12.8-36.9	378.1-649.0	NG	RT
Phosphate	mmol/L	24	3.21	0.71	3.52	2.10	4.59	1.74-4.97	1.52-2.29	4.52-5.30	G	RT
Calcium	mmol/L	24	2.54	0.55	2.71	1.64	3.55	1.36-3.84	1.17-1.77	3.51-4.11	G	RT

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

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