

1 **Supplementary table S1: Details of the new reference intervals established in Abyssinian 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 count | 10 ¹² /L | 45 | 9.4 | 1.3 | 9.7 | 5.9 | 12.1 | 6.0-12.1 (1S) | 5.9-6.7 | 10.9-12.1 | NG | NP |
| MCV | fL | 45 | 40.2 | 4.8 | 38.4 | 34.4 | 52.8 | 34.4-52.7 | 34.4-34.8 | 48.9-52.8 | NG | NP |
| MCH | pg/cell | 45 | 14.0 | 1.3 | 14.1 | 11.8 | 17.8 | 11.4-16.6 | 10.8-11.9 | 16.1-17.2 | G | R |
| MCHC | g/L | 45 | 352 | 44 | 344 | 282 | 448 | 288-468 | 275-292 | 429-509 | NG | RT |
| Platelets | 10 ¹² /L | 30 | 285 | 185 | 277 | 26 | 827 | 11-776 | 0-40 | 675-906 | G | R |
| Lymphocytes | 10 ⁶ /L | 45 | 3.1 | 1.8 | 2.5 | 0.9 | 7.2 | 0.9-8.9 | 0.8-1.1 | 6.6-12.0 | NG | RT |
| Total protein | g/L | 44 | 78 | 9 | 77 | 63 | 99 | 63-98 | 63-66 | 92-99 | G | NP |
| Albumin | g/L | 34 | 36 | 6 | 34 | 28 | 51 | 27-54 | 26-28 | 46-64 | NG | RT |
| Globulin | g/L | 36 | 43 | 8 | 41 | 30 | 61 | 30-65 | 28-31 | 57-73 | NG | RT |
| A:G ratio | ratio | 36 | 0.87 | 0.25 | 0.84 | 0.48 | 1.46 | 0.44-1.45 | 0.38-0.52 | 1.30-1.62 | G | RT |
| α ₁ -globulin | g/L | 36 | 2 | 1 | 2 | 1 | 4 | 0-5 | 0-1 | 4-6 | NG | RT |
| α ₂ -globulin | g/L | 36 | 18 | 4 | 19 | 10 | 26 | 10-27 | 8-12 | 25-29 | G | RT |

| | | | | | | | | | | | | |
|---------------------|--------|----|------|------|------|------|------|-----------------|-----------|-------------|----|----|
| β_2 -globulin | g/L | 36 | 5 | 2 | 4 | 2 | 9 | 2-10 (1S) | 2-3 | 8-11 | NG | RT |
| γ -globulin | g/L | 36 | 13 | 04 | 12 | 6 | 22 | 6-23 | 5-7 | 19-25 | NG | RT |
| Glucose | mmol/L | 44 | 4.70 | 0.91 | 4.65 | 3.10 | 7.71 | 3.16-7.75 (1S) | 3.11-3.57 | 6.15-7.72 | G | RT |
| Urea | mmol/L | 44 | 4.35 | 0.90 | 4.17 | 2.95 | 7.40 | 2.95-7.29 (1S) | 2.95-3.13 | 6.21-7.40 | NG | NP |
| Cholesterol | mmol/L | 44 | 4.52 | 1.32 | 4.22 | 2.66 | 7.34 | 2.38-7.33 | 2.66-2.95 | 7.16-7.34 | NG | NP |
| ALP | U/L | 44 | 56.8 | 31.8 | 53.5 | 14 | 143 | 14.1-143.0 (2S) | 14.0-17.0 | 120.5-143.0 | NG | NP |
| Phosphate | mmol/L | 42 | 1.58 | 0.19 | 1.55 | 1.13 | 2.07 | 1.13-2.07 | 1.13-1.29 | 1.91-2.07 | G | NP |
| Calcium | mmol/L | 35 | 2.46 | 0.29 | 2.43 | 1.77 | 3.15 | 1.89-3.09 | 1.77-2.02 | 2.90-3.29 | G | NP |

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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