

**Table S1.** Data from complete blood count, and biochemical profile of enrolled cats (n (%)) and cats positive for *Leptospira* spp. according to antibody positivity (Ab<sup>+</sup>) and PCR positivity from urine (uDNA<sup>+</sup>) and blood (bDNA<sup>+</sup>).

Variable	All Cats	Ab <sup>+</sup>	uDNA <sup>+</sup>	bDNA <sup>+</sup>
Anemia (Hb < 8.82 g/dL)	15/112 (13.4)	5/17 (29.4)	3/10 (30.0)	0/4
Neutrophilia (>11.32 K/ $\mu$ L)	15/105 (14.3)	3/17 (17.6)	3/8 (37.5)	2/4 (50.0)
Neutropenia (<2.07 K/ $\mu$ L)	5/105 (4.8)	0/17	0/8	0/4
Lymphocytosis (>7.57 K/ $\mu$ L)	2/105 (1.9)	1/17 (5.9)	0/8	0/4
Lymphopenia (<0.83 K/ $\mu$ L)	2/105 (1.9)	0/17	0/8	0/4
Monocytosis (>0.74 K/ $\mu$ L)	14/105 (13.3)	6/17 (35.3)	3/8 (37.5)	1/4 (25.0)
Eosinophilia (>1.73 K/ $\mu$ L)	3/105 (2.9)	1/17 (5.9)	0/8	0/4
Eosinopenia (<0.15 K/ $\mu$ L)	8/105 (7.6)	3/17 (17.6)	1/8 (12.5)	0/4
Basophilia (>0.29 K/ $\mu$ L)	1/102 (1.0)	0/17	0/8	0/4
Thrombocytosis (>660 K/ $\mu$ L)	2/103 (1.9)	0/17	0/8	0/4
Thrombocytopenia (<136 K/ $\mu$ L)	19/103 (18.4)	2/17 (11.8)	2/8 (25.0)	1/4 (25.0)
Increased SDMA (>14 $\mu$ g/dL)	26/111 (23.4)	3/17 (17.6)	3/10 (30.0)	2/4 (50.0)
Increased sCr (>2.4 mg/dL)	6/112 (5.4)	1/17 (5.9)	1/10 (10.0)	0/4
Increased BUN (>36 mg/dL)	11/108 (10.2)	1/16 (6.3)	1/10 (10.0)	0/4
Decreased BUN (<16 mg/dL)	4/108 (3.7)	1/16 (6.3)	0/10	0/4

Hb = hemoglobin;  $\gamma$  = proteinuria was defined when UPC was  $\geq 0.2$ ; Hb = hemoglobin; SDMA = symmetric dimethylarginine; sCr = serum creatinine; BUN = blood urea nitrogen; PHOS = phosphorus; USG = urine specific gravity; UPC = urine protein to creatinine ratio; SAA = serum amyloid A; TP = total proteins; ALB = albumin; GLOB = globulins;

ALT = alanine aminotransferase; ALP = alkaline phosphatase; AST = aspartate aminotransferase; GGT = gamma glutamyl transferase; LAI = leukocyte alterations suggestive of inflammation including the presence of neutrophil left shift, toxic neutrophils or reactive lymphocytes; ~markers of inflammation = one or several of the following abnormalities: LAI, increased SAA, increased GLOB, decreased ALB.