

SUPPORTING INFORMATION

Transmissible venereal tumor and anaplasmosis in a domestic dog[†]

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S1 Results of hematology examination of Spring dog

Table S1 shows the presence of leukocytosis, neutrophilia, eosinophilia, normocytic normochromic anemia, and thrombocytopenia.

Parameters	Results	Normal Range	Note
White Blood Count (WBC) ($10^9/l$)	20.82	6.0-17.0	Increase
Lymphocyte ($10^9/l$)	3.35	1.0-4.8	
Monocyte ($10^9/l$)	0.79	0.2-1.5	
Neutrophil ($10^9/l$)	15.65	3.0-12.0	Increase
Eosinophil ($10^9/l$)	0.92	0.0-0.8	Increase
Basophil ($10^9/l$)	0.10	0.0-0.4	
Lymphocyte (%)	16.1		
Monocyte (%)	3.8		
Neutrophil (%)	4.4		
Eosinophil (%)	4.4		
Basophil (%)	0.5		
Red Blood Cells (RBC) ($10^{12}/l$)	5.51	5.5-8.5	
Hemoglobin (g/dl)	11.0	12.0-18.0	Decrease
Hematocrit (%)	39.74	37.0-55.0	
Mean Corpuscular Volume (MCV) (fl)	72	60.0-77.0	
Mean Corpuscular Hemoglobin (MCH) (pg)	20.0	19.5-24.5	
Mean Corpuscular Hemoglobin Concentration (MCHC) (g/dl)	27.7	31.0-39.0	Decrease
Red Cell Distribution Width (RDWc) (%)	19.0	14.0-20.0	
Red Cell Distribution Width (RDWs) (fl)	47.7		
Platelet Count (PLT) ($10^9/l$)	88	165.0-500.0	Decrease
Mean Platelet Volume (MPV) (fl)	9.8	3.9-11.1	
Procalcitonin (PCT) (%)	0.09		
Platelet Distribution Width (PDWc) (%)	38.5		
Platelet Distribution Width (PDWs) (fl)	16.4		

S2 Results of blood chemistry examination of Spring dog

Table S2 shows an increase in total protein.

Parameters	Results	Normal Range	Note
Alkaline Phosphatase (ALP) (U/l)	58	20.0-150.0	
Alanine Transaminase (ALT) (U/l)	34	10.0-118.0	
Blood Urea Nitrogen (BUN) (mg/dl)	25	7.0-25.0	
Creatinine (CRE) (mg/dl)	0.9	0.3-1.4	
Glucose (GLU) (mg/dl)	110	60.0-110.0	
Total Protein (TP) (g/dl)	9.4	5.4-8.2	Increase