Supplementary Data

1.Samples collection and evaluation of environmental aspects

The packed cell volume (PCV) value was determined using the microhematocrit method. The total white blood cell (TWBC) count and the platelet (PLT) count were determined on Giemsa-stained blood smears as previously described by Katsogiannou [24]. The white blood cell differential count and blood cell morphology including band and toxic neutrophils, reactive lymphocytes and activated monocytes was evaluated in the same blood smears. The fibrinogen concentration was calculated by a modified heat precipitation technique [25].

2 Laboratory results

Complete blood count testing revealed in both animals, mild anemia and leukocytosis, mature neutrophilic count within reference interval but left shift and remarkable probably reactive thrombocytosis (Table S1). More over fibrinogen concentration was increased in both cases.

Table S1. Hematological variables of the affected sheep			
	Sheep 1	Sheep 2	Reference interval
PCV	24	22	27.3–40.7
WBC /μl	16000	22000	6,100–14,200
Neutrophils %	33	27	
Neutrophils/μl	5440	5940	1,200-8,600
Band neutrophils %	7	4	
Band neutrophils/μl	1120	880	0-100
Lymphocytes %	57	62	
Lymphocytes/μl	9120	13640	2,500-9,200
Monocytes %	3	4	
Monocytes/μl	480	880	0-1,000
Eosinophils %	0	3	
Eosinophils/μl	0	660	0-700
Basophils %	0	0	
Basophils/μl	0		0-60
PLT cells/μl	980.000	1.220.000	240,000–820.000
Fibrinogen (g/dL)	9.4	8.8	1-4

References

24. Katsogiannou, E.G.; Athanasiou, L.V.; Katsoulos, P.D.; Polizopoulou, Z.S. Estimation of white blood cell and platelet counts in ovine blood smears and

comparison with the ADVIA 120 hematology analyzer. *Vet. Clin. Pathol.* **2020**, 49,222–226.

25. Millar, H.R.; Simpson J.G.; Stalker A.L. An evaluation of the heat precipitation method for plasma fibrinogen estimation. *J. Clin. Pathol*. **1971**, 24, 827-830.