Deeper insights. Better outcomes.

The IDEXX inVue Dx™ Cellular Analyzer leverages the power of the ProCyte One® and ProCyte Dx® hematology analyzers by automatically integrating the RBC, HCT, and WBC values, informing the morphological assessment.

Quantification of changes in red blood cell morphology and immature neutrophils enable trending over time.

Platelets are quantified even in the presence of clumping.

Composite image gallery supports the AI-assisted pathology results.

Diagnostic Considerations guide real-time clinical decisions.

IDEXX VetConnect PLUS — Home | Directory of Services | Imaging | Telemedicine

ZOE CLARK 203AB Patient Management
Canine | Brussels Griffon | Female | 8y

2024 **Jan 27** Jan 27

Result Details — Add to Order

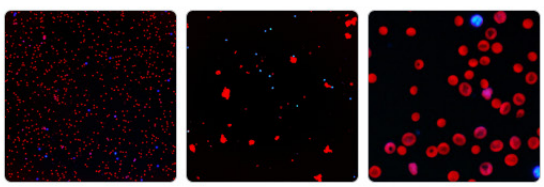
Hematology	1/27/24 9:43 AM			1/27/24 9:43 AM
RBC	a. 1.09	5.65 - 8.87 M/µL		1.09
Hematorcrit	b. 9.8	37.3 - 61.7 %		9.8
Spherocytes	60% (Marked)			
Agglutination	Present			
% Reticulocyte	17.0	%		17.0
Reticulocytes	184.8	10.0 - 110.0 K/µL		184.8
WBC	c. 43.20	5.05 - 16.76 K/µL		43.20
% Neutrophils	69.5	%		*69.2
% Immature Neutrophils	18.5	%		
% Lymphocytes	1.9	%		*21.6
% Monocytes	9.7	%		*8.9
% Eosinophils	0.2	%		0.2
% Basophils	0.1	%		0.1
Neutrophils	30.02	2.95 - 11.64 K/µL		*29.89
Immature Neutrophils	7.99	K/pL		
Lymphocytes	0.84	1.05 - 5.10 K/µL		*9.34
Monocytes	4.20	0.16 - 1.12 K/µL		*3.85
Eosinophils	0.09	0.06 - 1.23 K/µL		0.09
Basophils	0.03	0.00 - 0.10 K/µL		0.03
Platelet Estimate	50-100 K/µL (Moderately decreased)			

Diagnostic Considerations

The presence of regenerative anemia, spherocytosis, and RBC agglutination are strongly suggestive of immune-mediated hemolytic anemia. Other clinical features include icterus, hyperbilirubinemia/bilirubinuria (in the absence of liver dysfunction), or hemoglobinemia/uria. Investigate for underlying causes such as infection, neoplasia, concurrent inflammatory conditions, or history of recent drugs/vaccines.

This platelet estimate incorporates enumeration of individual platelets and platelets within clumps. Moderately decreased platelets may be seen with platelet consumption, immune-mediated destruction, decreased production from the bone marrow, and sequestration in the spleen. If this finding is unexpected, please redraw a new sample to rule out artifactual thrombocytopenia (e.g., clot in the blood tube).

Images



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