

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

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



























ZOE CLARK 203ABPatient management ▾
Canine | Brussels Griffon | Female | 8 y

2024Jan 27Jan 27

Result details ▾Add to orderPrintShare

Hematology1/27/24 9:43 AM

1/27/24 9:43 AM

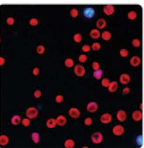
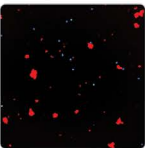
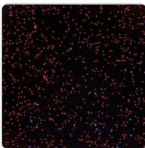
		RBC	a.	1.09	5.65 - 8.87 M/ μ L		1.09
		Hematocrit	b.	9.8	37.3 - 61.7 %		9.8
		Spherocytes		60% (Marked)			
		Agglutination		Present			
		% Reticulocyte		17.0	%		17.0
		Reticulocytes		184.8	10.0 - 110.0 K/ μ L		184.8
		WBC	c.	43.20	5.05 - 16.76 K/ μ L		43.20
		% Neutrophils		69.5	%		*69.2
		% Immature 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/ μ L		*29.89
		Immature Neutrophils		7.99	K/pL		
		Lymphocytes		0.84	1.05 - 5.10 K/ μ L		*9.34
		Monocytes		4.20	0.16 - 1.12 K/ μ L		*3.85
		Eosinophils		0.09	0.06 - 1.23 K/ μ L		0.09
		Basophils		0.03	0.00 - 0.10 K/ μ L		0.03
		Platelets					121
		Platelet Estimate		50-100 K/ μ L (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



a. RBC results imported from ProCyte

b. HTC results imported from ProCyte

c. WBC results imported from ProCyte. The white blood cell differential has been updated based on cytologic evaluation.

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