

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				
▮ ▾ RBC	a. 1.09	5.65 - 8.87 M/μL	<input type="text" value="1.09"/>	1.09
▮ ▾ Hematocrit	b. 9.8	37.3 - 61.7 %	<input type="text" value="9.8"/>	9.8
▮ Spherocytes	60% (Marked)			
▮ Agglutination	Present			
▮ % Reticulocyte	17.0	%		17.0
▮ ▾ Reticulocytes	184.8	10.0 - 110.0 K/μL	<input type="text" value="184.8"/>	184.8
▮ ▾ WBC	c. 43.20	5.05 - 16.76 K/μL	<input type="text" value="43.20"/>	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	<input type="text" value="30.02"/>	*29.89
▮ Immature Neutrophils	7.99	K/μL		
▮ ▾ Lymphocytes	0.84	1.05 - 5.10 K/μL	<input type="text" value="0.84"/>	*9.34
▮ ▾ Monocytes	4.20	0.16 - 1.12 K/μL	<input type="text" value="4.20"/>	*3.85
▮ ▾ Eosinophils	0.09	0.06 - 1.23 K/μL	<input type="text" value="0.09"/>	0.09
▮ ▾ Basophils	0.03	0.00 - 0.10 K/μL	<input type="text" value="0.03"/>	0.03
▮ Platelet Estimate	50-100 K/μL (Moderately decreased)			
▮ Diagnostic Considerations	<p>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.</p> <p>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).</p>			

Images

Two ears. One report.

With the IDEXX inVue Dx™ Cellular Analyzer, your report includes the left and right ear all from one run. Simplifying your workflow, and giving you more insights.



Objective, consistent, and reproducible:

- + Quantifies yeast and bacteria (rods and cocci)
- + Assesses for the presence of white blood cells
- + Assesses for the presence of mites

Composite image gallery supports the AI-assisted pathology findings.

Diagnostic Considerations built with board-certified dermatologist expertise guide real-time clinical decisions.



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Patient: SADIE 123456 | Patient Management | Canine | Poodle | Female | 4 y

Date: 2024 Jan 10

Result details

Cytology

1/10/24 8:02 PM

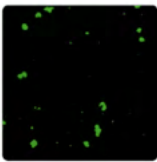
Site	Left ear
Bacteria, Rods	0-1+ Consistent with normal flora
Bacteria, Cocci	3-4+ Numerous coccoid-shaped bacteria present
Yeast	0-1+ Consistent with normal flora
WBC	Present
Mites	Absent

Diagnostic Considerations

Bacterial otitis with coccoid-shaped bacteria. The finding of numerous coccoid-shaped bacteria is 95% specific for the presence of bacterial otitis.

Consider underlying causes of otitis externa. Typically these patients require longer duration of treatment or more intensive diagnostics/therapies (otic irrigation, advanced imaging or investigate potential for tumor or otitis media, foreign body presence).

Images



Cytology

1/10/24 8:02 PM

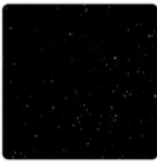
Site	Right ear
Bacteria, Rods	0-1+ Consistent with normal flora
Bacteria, Cocci	3-4+ Numerous coccoid-shaped bacteria present
Yeast	0-1+ Consistent with normal flora
WBC	Present
Mites	Absent

Diagnostic Considerations

Bacterial otitis with coccoid-shaped bacteria. The finding of numerous coccoid-shaped bacteria is 95% specific for the presence of bacterial otitis.

Consider underlying causes of otitis externa. Typically these patients require longer duration of treatment or more intensive diagnostics/therapies (otic irrigation, advanced imaging or investigate potential for tumor or otitis media, foreign body presence).

Images



User noted signs of general otitis in one or both ears of the patient.