

# Deeper insights. Better outcomes.

The IDEXX inVue Dx™ Cellular Analyser leverages the power of the ProCyte One® and ProCyte Dx® haematology analysers 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.



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**ZOE CLARK** 203AB Patient Management ▾

Canine | Brussels Griffon | Female | 8y

2024
27 Jan
27 Jan

Result Details ▾
Add to Order
+

<b>Haematology</b> <span style="float: right;">1/27/24 09:43 am</span>				
▣ RBC	a. <span style="color: red;">1.09</span>	5.65 - 8.87 M/μL	<div style="width: 100%; border: 1px solid #ccc; position: relative;"> <div style="width: 10%; background-color: #00a651;"></div> </div>	<span style="color: red;">1.09</span> <span style="float: right;">1/27/24 09:43 am</span>
▣ Haematocrit	b. <span style="color: red;">9.8</span>	37.3 - 61.7 %	<div style="width: 100%; border: 1px solid #ccc; position: relative;"> <div style="width: 10%; background-color: #00a651;"></div> </div>	<span style="color: red;">9.8</span>
▣ Spherocytes	<span style="color: red; font-weight: bold;">60% (Marked)</span>			
▣ Agglutination	<span style="color: red; font-weight: bold;">Present</span>			
▣ % Reticulocyte	17.0	%		17.0
▣ Reticulocytes	<span style="color: red;">184.8</span>	10.0 - 110.0 K/μL	<div style="width: 100%; border: 1px solid #ccc; position: relative;"> <div style="width: 10%; background-color: #00a651;"></div> </div>	<span style="color: red;">184.8</span>
▣ WBC	c. <span style="color: red;">43.20</span>	5.05 - 16.76 K/μL	<div style="width: 100%; border: 1px solid #ccc; position: relative;"> <div style="width: 10%; background-color: #00a651;"></div> </div>	<span style="color: red;">43.20</span>
▣ % 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	<span style="color: red;">30.02</span>	2.95 - 11.64 K/μL	<div style="width: 100%; border: 1px solid #ccc; position: relative;"> <div style="width: 10%; background-color: #00a651;"></div> </div>	<span style="color: red;">*29.89</span>
▣ Immature Neutrophils	<span style="color: red;">7.99</span>	K/μL		
▣ Lymphocytes	<span style="color: red;">0.84</span>	1.05 - 5.10 K/μL	<div style="width: 100%; border: 1px solid #ccc; position: relative;"> <div style="width: 10%; background-color: #00a651;"></div> </div>	<span style="color: red;">*9.34</span>
▣ Monocytes	<span style="color: red;">4.20</span>	0.16 - 1.12 K/μL	<div style="width: 100%; border: 1px solid #ccc; position: relative;"> <div style="width: 10%; background-color: #00a651;"></div> </div>	<span style="color: red;">*3.85</span>
▣ Eosinophils	0.09	0.06 - 1.23 K/μL	<div style="width: 100%; border: 1px solid #ccc; position: relative;"> <div style="width: 10%; background-color: #00a651;"></div> </div>	0.09
▣ Basophils	0.03	0.00 - 0.10 K/μL	<div style="width: 100%; border: 1px solid #ccc; position: relative;"> <div style="width: 10%; background-color: #00a651;"></div> </div>	0.03
▣ Platelet Estimate	<span style="color: red; font-weight: bold;">50-100 K/μL (Moderately decreased)</span>			
▣ Diagnostic Considerations	<p>The presence of regenerative anaemia, spherocytosis and RBC agglutination are strongly suggestive of immune-mediated haemolytic anaemia. Other clinical features include icterus, hyperbilirubinaemia/bilirubinuria (in the absence of liver dysfunction) or haemoglobinaemia/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 Analyser, 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.



Navigation: IDEXX VetConnect PLUS | Home | Directory of Services | Imaging | Telemedicine

Patient: SADIE | 123456 | Patient Management  
Species: Canine | Breed: Poodle | Gender: Female | Age: 4 y

Date: 2024 | 10 Jan

Result Details

### Cytology

1/10/24 8:02 PM

Site	Left ear
Bacteria, Rods	0-1+ Consistent with normal flora
<b>Bacteria, Cocci</b>	<b>3-4+ Numerous coccoid-shaped bacteria present</b>
Yeast	0-1+ Consistent with normal flora
<b>WBC</b>	<b>Present</b>
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 to investigate potential for tumour 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
<b>Bacteria, Cocci</b>	<b>3-4+ Numerous coccoid-shaped bacteria present</b>
Yeast	0-1 + Consistent with normal flora
<b>WBC</b>	<b>Present</b>
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 to investigate potential for tumour or otitis media, foreign body presence).

Images

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