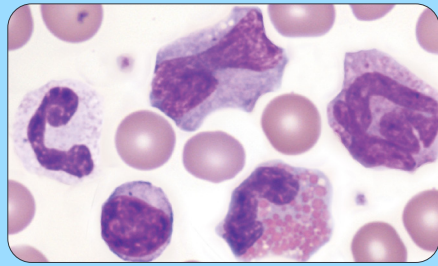
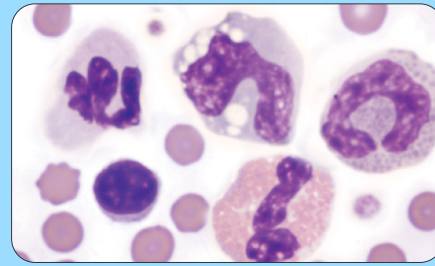


Blood Cell Guide

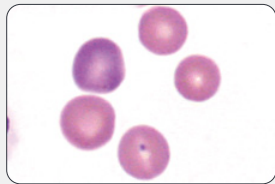
Normal canine



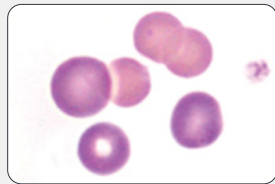
Normal feline



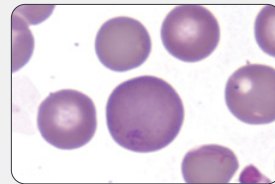
Regenerative response



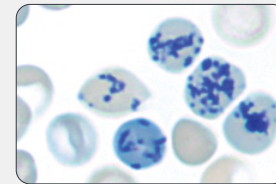
Mild polychromasia



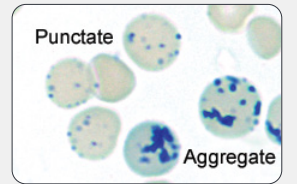
Marked polychromasia



Rapid stain—polychromasia

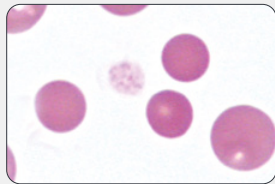


NMB—canine reticulocytes

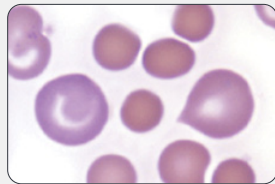


Punctate
Aggregate
NMB—feline reticulocytes

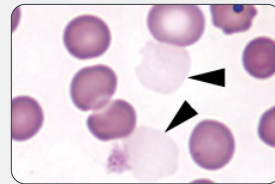
Immune-mediated hemolytic anemia (IMHA)



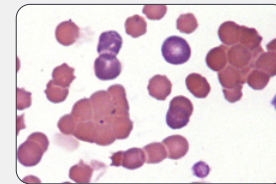
Spherocytes with no polychromasia



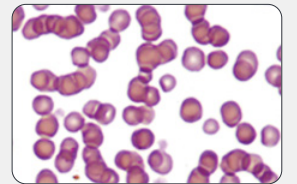
Spherocytes with polychromasia



Ghost cells

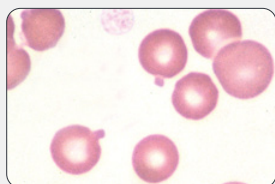


Agglutination (50x)

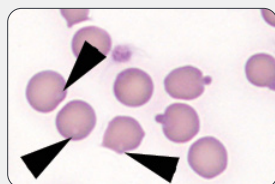


Rouleaux (50x)

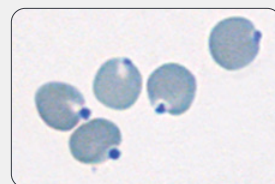
Other poikilocytosis



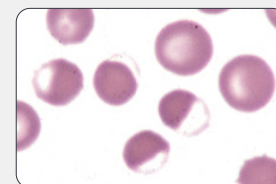
Canine—two Heinz bodies



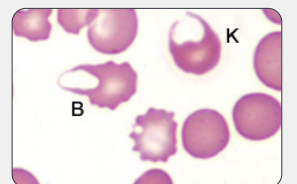
Rapid stain—Feline—3 indistinct (arrows) and 2 obvious Heinz bodies



NMB—Heinz bodies

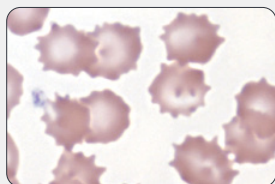


Eccentricocytes*

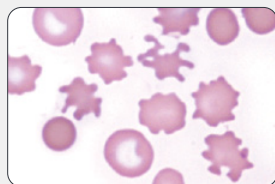


Blister cell and keratocyte

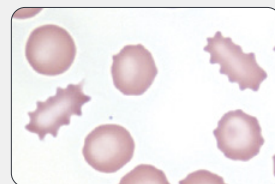
Miscellaneous morphology



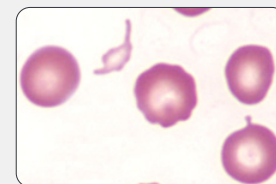
Crenation



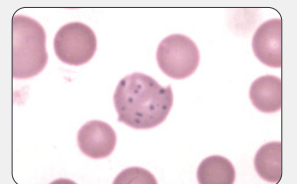
Acanthocytes



Burr cell



Schistocyte



Basophilic stippling

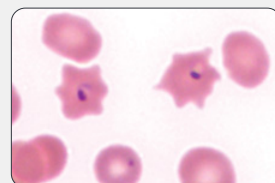
Infectious agents



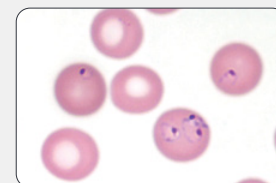
Mycoplasma haemofelis



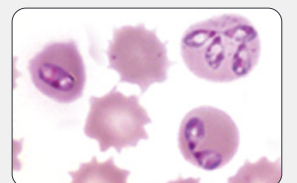
Mycoplasma haemocanis



Cytauxzoon felis

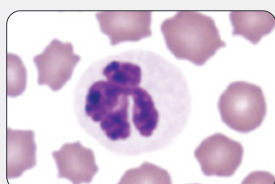


Babesia gibsoni



Babesia canis

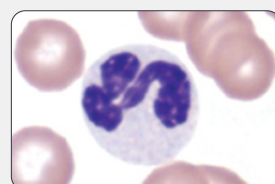
White blood cells



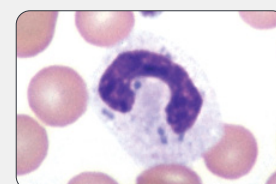
Normal neutrophil



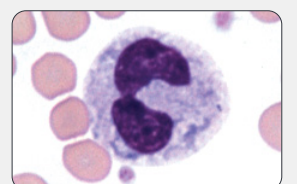
Band neutrophil



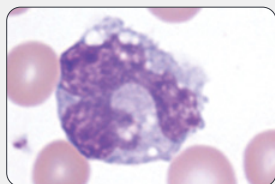
Neutrophil—mild toxicity



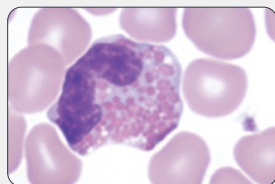
Neutrophil—moderate toxicity



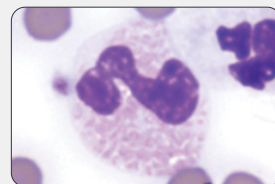
Neutrophil—marked toxicity*



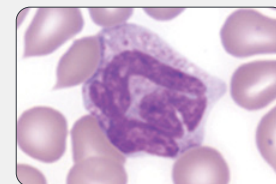
Normal monocyte



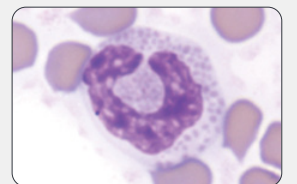
Normal canine eosinophil



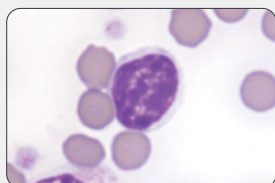
Normal feline eosinophil



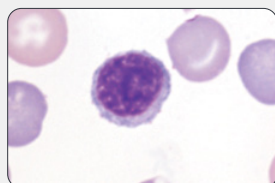
Normal canine basophil



Normal feline basophil



Normal lymphocyte



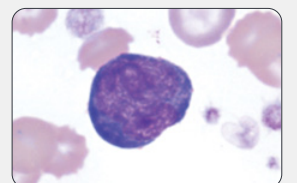
Lymphocyte—mild reactivity



Lymphocyte—moderate reactivity



Lymphocyte—moderate reactivity

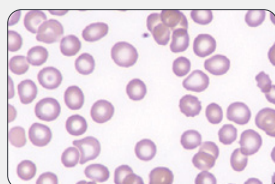


Lymphocyte—marked reactivity

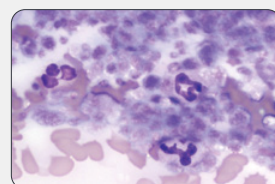
Platelets



Normal platelet count (50x)



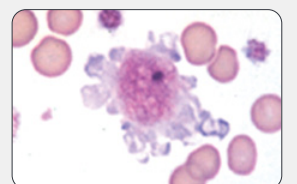
Low platelet count (50x)



Platelet clump (50x)



Normal-sized and large platelets



Large atypical platelet

All images, unless otherwise indicated, are representative of a high-power field of view (100x objective field of view).

Images and information provided by: Dennis B. DeNicola, DVM, PhD, DACVP, Rick L. Cowell, DVM, MS, MRCVS, DACVP, and Michelle Frye, MS, DVM

*Illustration reproduced with permission from Reagan WJ, Rovira AI, DeNicola DB, eds. *Veterinary Hematology: Atlas of Common Domestic and Non-Domestic Species*. 2nd ed. Ames, IA: Wiley-Blackwell; 2008. Copyright 2008 Wiley-Blackwell.

© 2024 IDEXX Laboratories, Inc. All rights reserved. • 2691187-00

All ®/TM marks are owned by IDEXX Laboratories, Inc. or its affiliates in the United States and/or other countries. The IDEXX Privacy Policy is available at [idexx.com](https://www.idexx.com).