Blood Cell Guide

Normal canine

Normal feline

Regenerative Response

Mild polychromasia
Marked polychromasia
Rapid stain—polychromasia
NMB—canine reticulocytes
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
Eccentrocytes*
Blister cell and keratocyte

Miscellaneous Morphology

Crenation
Acanthocytes
Burr cell
Schistocyte
Basophilic stippling

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
Michelle Frye, MS, DVM
Blood Cell Guide

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


© 2014 IDEXX Laboratories, Inc. All rights reserved. • 09-80961-00
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.