

Get more insight into CBC results with interpretive aids

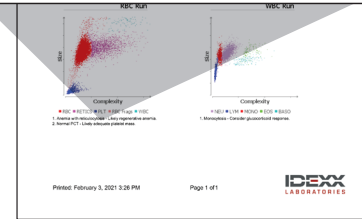
As a part of IDEXX's ongoing commitment to ensuring the best results for your patients, **interpretive aids are available for the ProCyte One* Hematology Analyzer** to give you more insight into your complete blood count (CBC) results.

Interpretive aids use proprietary algorithms to detect results-based patterns in CBC results. These aids, combined with dot plot images, provide helpful insights and guidance for interpreting patient results.

You can find interpretive aids on the IDEXX VetLab* integrated patient report (below the CBC result and dot plot images—shown at right) as well as in VetConnect* PLUS.

Test	Results	Reference Interval	LOW	NORMAL	HIGH
ProCyte One (February 2, 2021 3:28 PM)					
HCT	23.7%	35.0-55.0	LOW		
HGB	8.0 g/dL	11.1-20.0	LOW		
MCH	33.7%	33.0-55.0	LOW		
MCHC	29.9 g/dL	31.0-35.0	LOW		
MCV	88.0 fL	62.0-75.0	HIGH		
RDW	19.1%	12.0-17.0			HIGH
PLT	73.5%				

1. Anemia with reticulocytosis—likely regenerative anemia.
2. Normal PCT—likely adequate platelet mass.



If the analyzer detects...

• or ▼RETIC and ▼HCT

▲RETIC and ▼HCT

▼LYMPH

▲MONO

▲ RDW

▼PLT yet •PCT

▼HCT, ▼MCHC, and ▼MCV

▲HCT

▲RETIC and • or ▲HCT

▲MCHC or ▲MCH or both

▲RETIC feline

▲ PLT

The interpretive aid will say...

Anemia without reticulocytosis—likely non-regenerative anemia; consider pre-regenerative anemia.

Anemia with reticulocytosis—likely regenerative anemia.

Lymphopenia—likely stress leukogram (glucocorticoid response). Confirm with blood film review.

Monocytosis—consider inflammation.

OR

Monocytosis—consider inflammation (if lymphopenia, consider glucocorticoid response).

Increased RDW—anisocytosis present—review blood film.

Normal PCT—likely adequate platelet mass.

Microcytic hypochromic anemia—likely iron-deficiency anemia.

Increased HCT—polycythemia.

Reticulocytosis without anemia—consider occult hemolytic or blood loss disease.

Increased MCHC or MCH—consider hemolysis (including sample collection/handling), lipemia, and Heinz bodies.

Reticulocytosis—confirm polychromasia on blood film.

Platelet aggregates are detected. Platelet count may be higher than reported.

Key:

▲ Above the reference interval

▼ Below the reference interval

• Within the reference interval