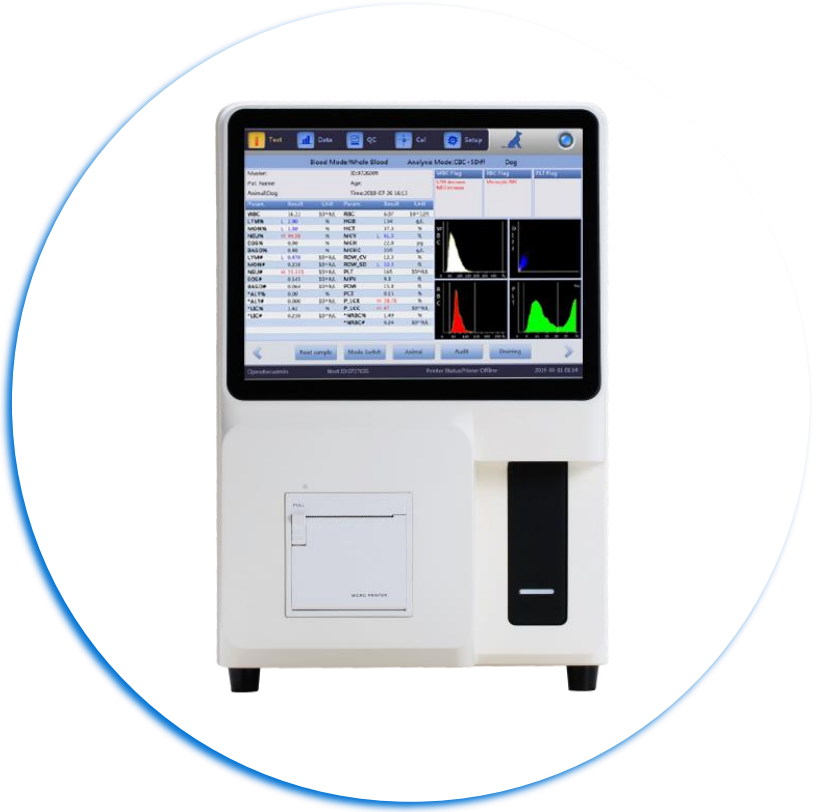
Hematology V5

Diasystem Vet



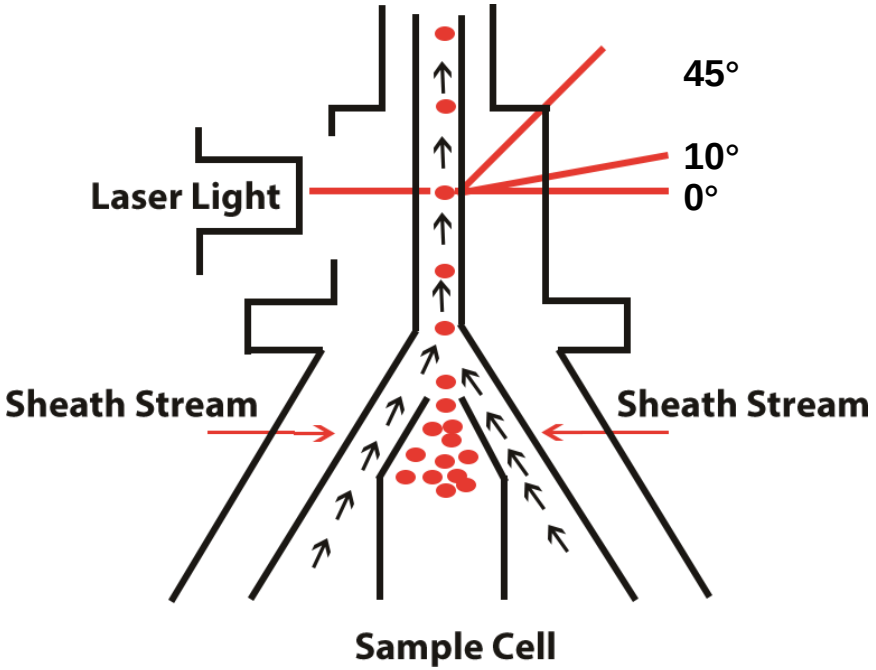
Cute 5 Diff with RET

- Up to 34 parameters
- Pure laser technology, more accurate
- 60 t/h throughput
- Easy to use, less maintenance
- Exclusive software for veterinary use

Hematology V5

Diasystem Vet

Principle



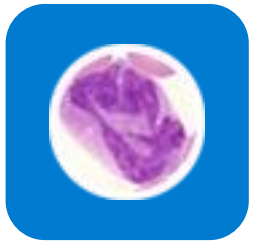
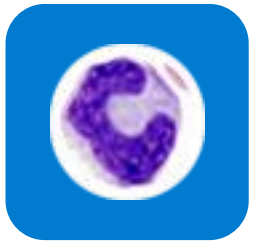
Multi-dimension laser light scatter

Hematology V5

Diasystem Vet

Principle



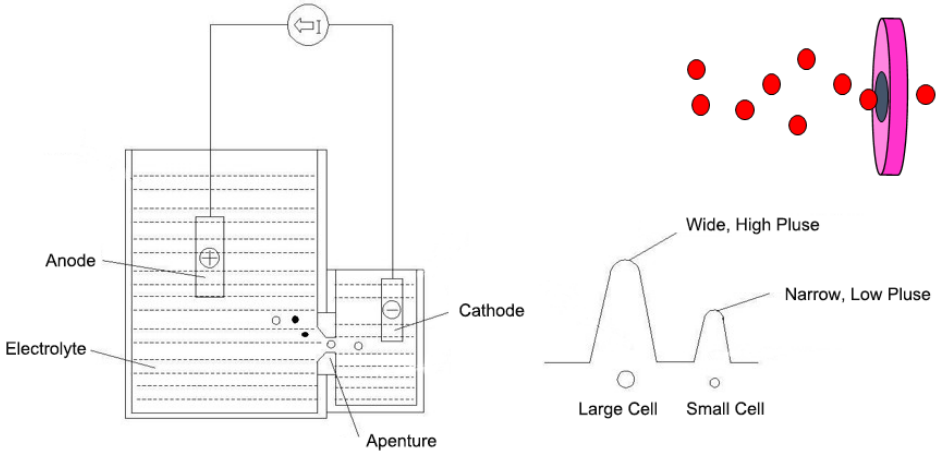




	EOS	NEU	BASO	MONO	LYM
Size	Middle size	Middle size	Middle size	**Largest size**	**Smallest size**
Complexity	Most complex	Most complex	Most complex	Middle complex	Low complex
Karyolobism	Polymorpho-nuclear	**Polymorpho-nuclear**	Mono-nuclear	Mono-nuclear	Mono-nuclear
Depolarization	**Depolarized**	No Depolarization	No Depolarization	No Depolarization	No Depolarization

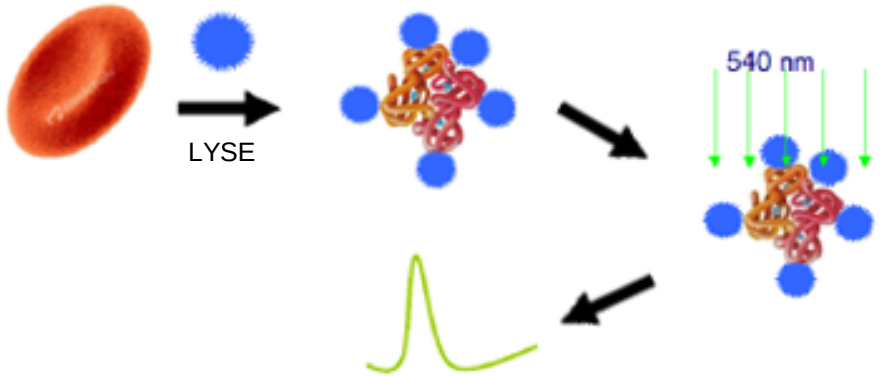
Hematology V5

Diasystem Vet

Principle



Impedance Method

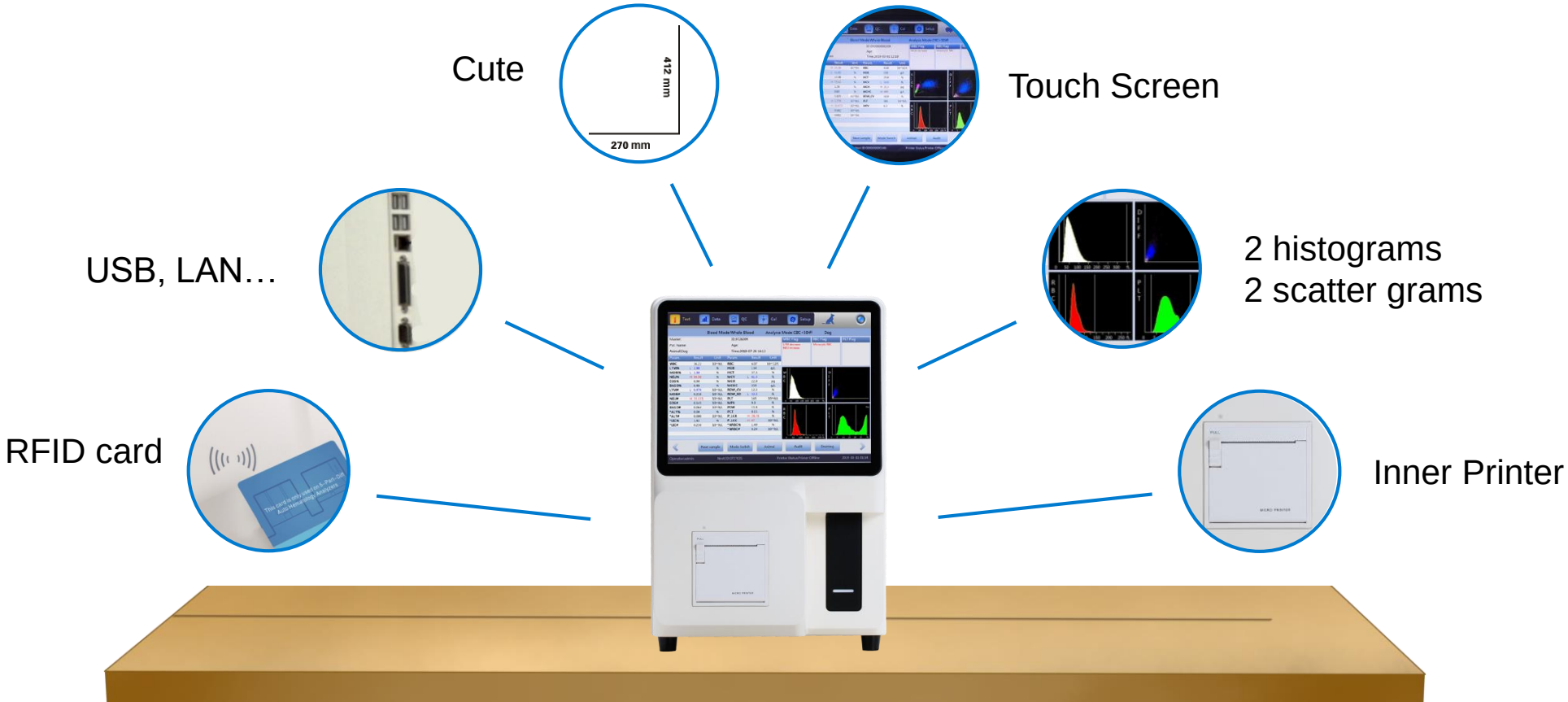


Colorimetry (Cyanide-Free)

Hematology V5

Diasystem Vet

Appearance

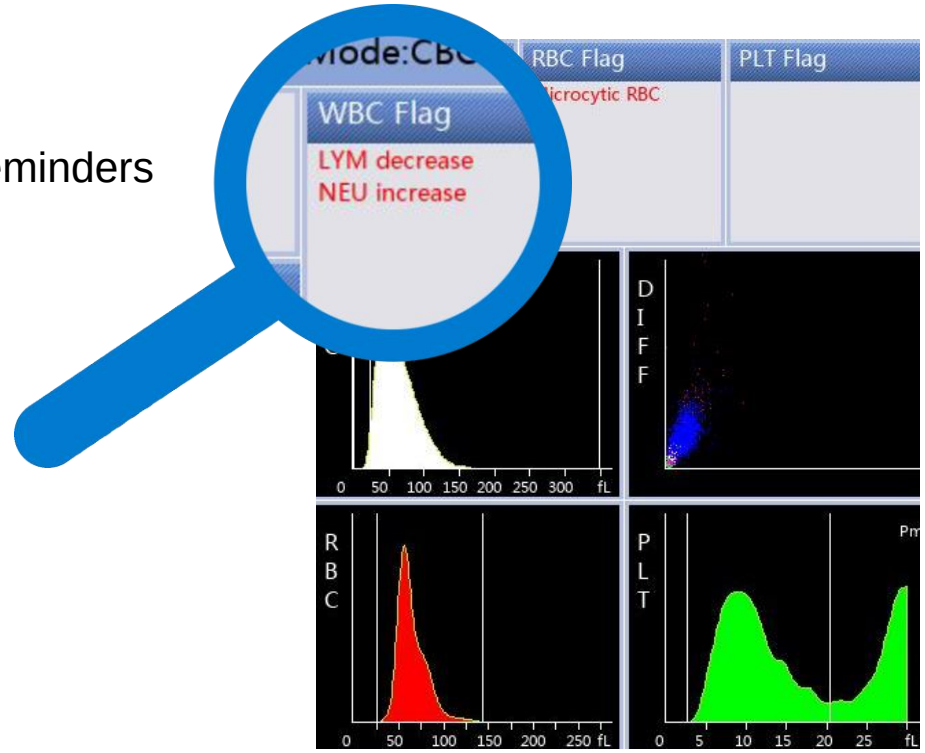


Hematology V5

Diasystem Vet

User-friendly

Flag reminders



Clear reports

Hematology V5

Diasystem Vet

Consumables

Detergent

5 / 10 / 20 L

Sheath

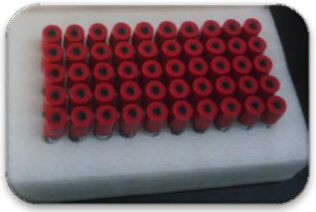
10 / 20 L

Diluent

5 / 10 / 20 L

Lyse

0.5 / 1 L



RET Lyse

4 mL*50 /100

Hematology V5

Diasystem Vet

Test Procedure

Information input

Sample test

Result

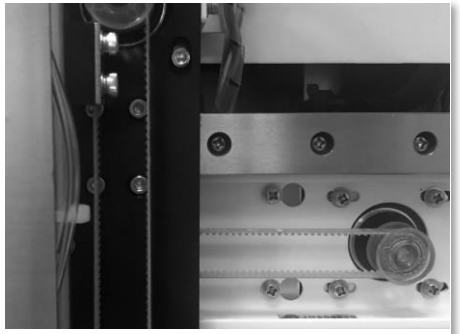
Hematology V5

Diasystem Vet

Less Maintenance

Solenoid Valve

Military quality
Longer life

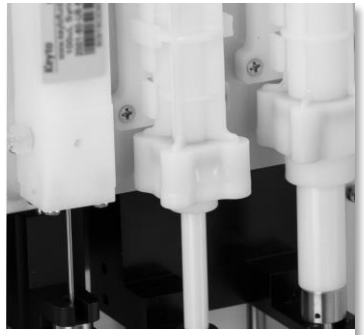


Sampling Unit

Screw
Flexible
Durable

Vacuum Pump

Imported from UK
Low failure rate
Low noise



Syringe

Ceramic syringe
High precision
Durable
Independent

When to do a test?

Hospital ▲ ▼ Surgery

Application Scenario

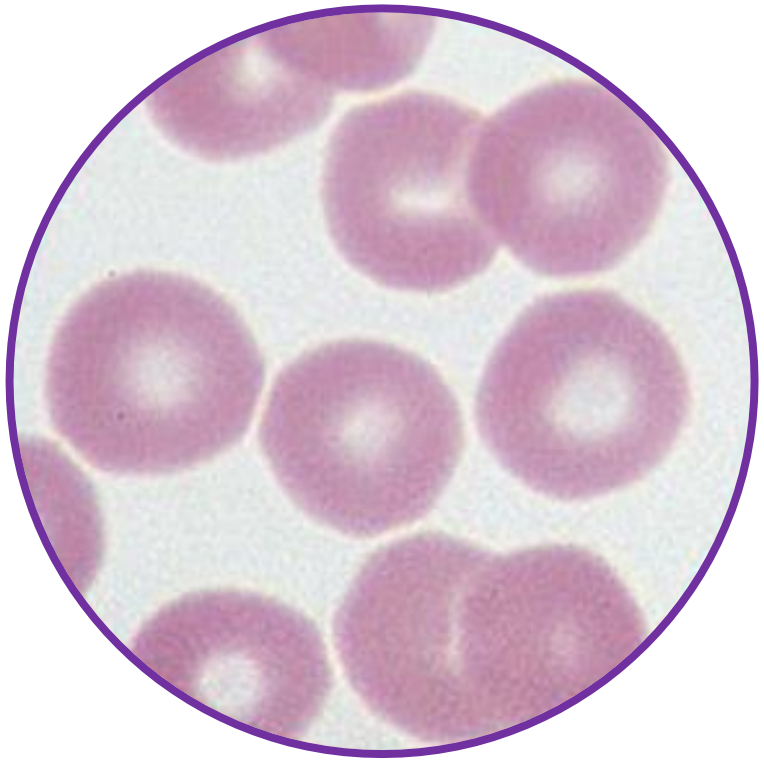
Part of physical examination

Having following symptom:

- Fever
- Vomiting
- Diarrhea
- Weakness
- Loss of appetite
- etc.

Before operation

How`s RBC Helpful



Red Blood Cell

Function

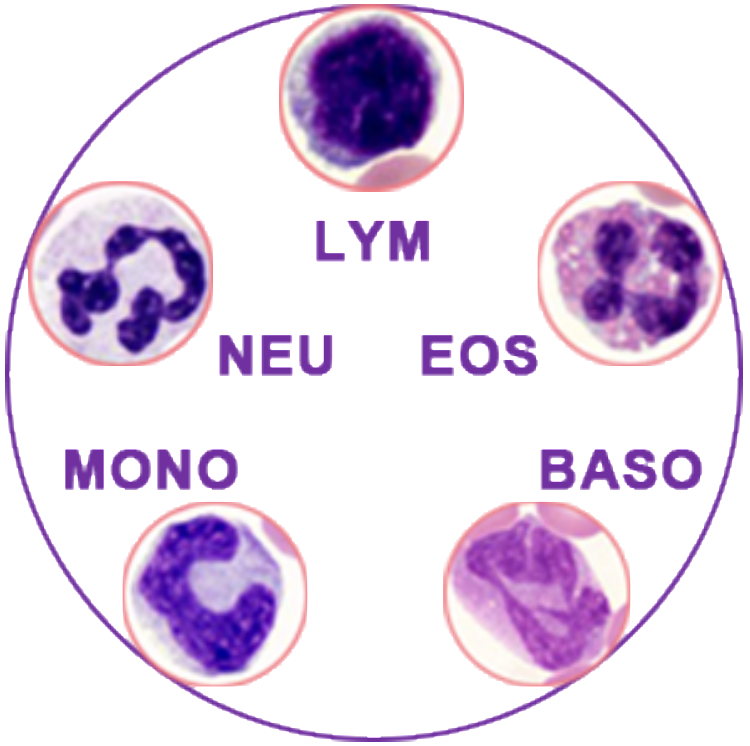
- Carry oxygen from lungs to tissues

Clinical Reference

- Dehydration, Anoxia
- Bone Marrow Disorder
- Infectious: FeLV
- Bleeding
- Hemoparasites

etc..

How`s WBC Helpful



White Blood Cell

Function

- Defense against pathogens

Clinical Reference

- Inflammation: FeLV, FIV etc.
- Allergy
- Parasite: Heartworm, etc.
- Bone Marrow Disorder

etc...

How`s PLT Helpful

Platelets

Function

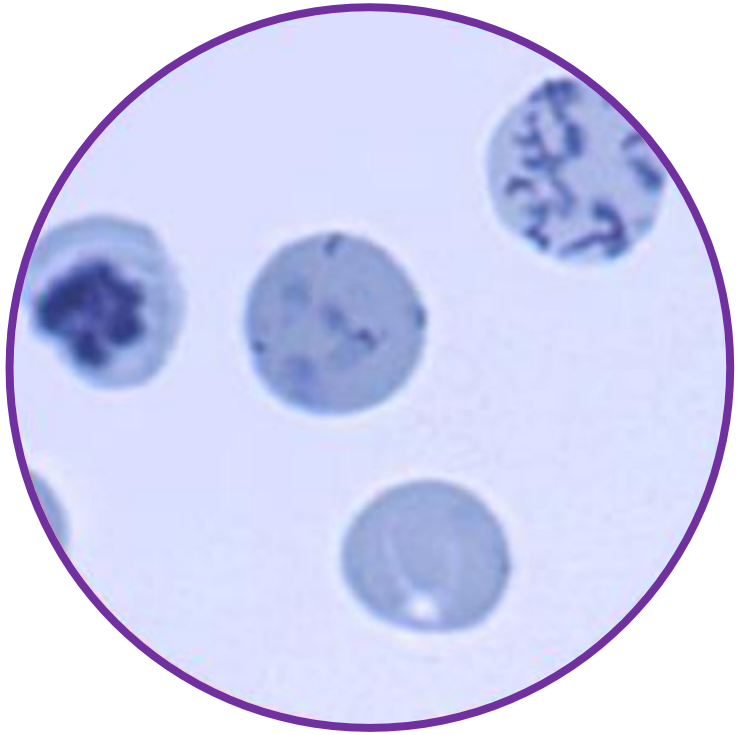
- Key players in the hemostatic process

Clinical Reference

- Young Animals
- Chronic hemorrhage
- Severe inflammation
- Bone Marrow Disorder

etc...

How`s RET Helpful



Reticulocyte

Function

- Key products in erythropoiesis process

Clinical Reference

- Anemia
- Bone marrow disorder

https://www.aaha.org/publications/newstat/articles/2018-10/why-reticulocytes-can-be-a-great-early-indicator-that-something-is-wrong/