








Hematology V5



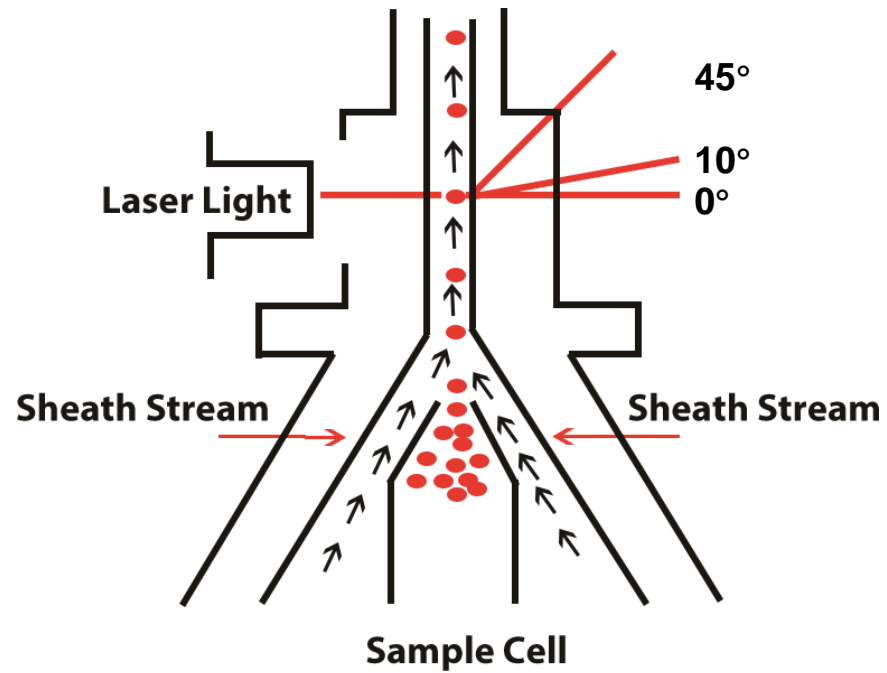
Cute 5 Diff with RET

-  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

Principle



Multi-dimension laser light scatter

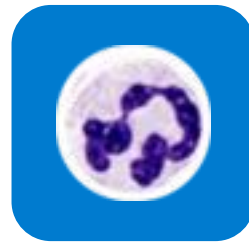


Hematology V5

Principle



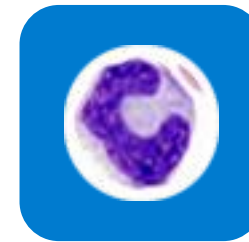
EOS



NEU



BASO



MONO



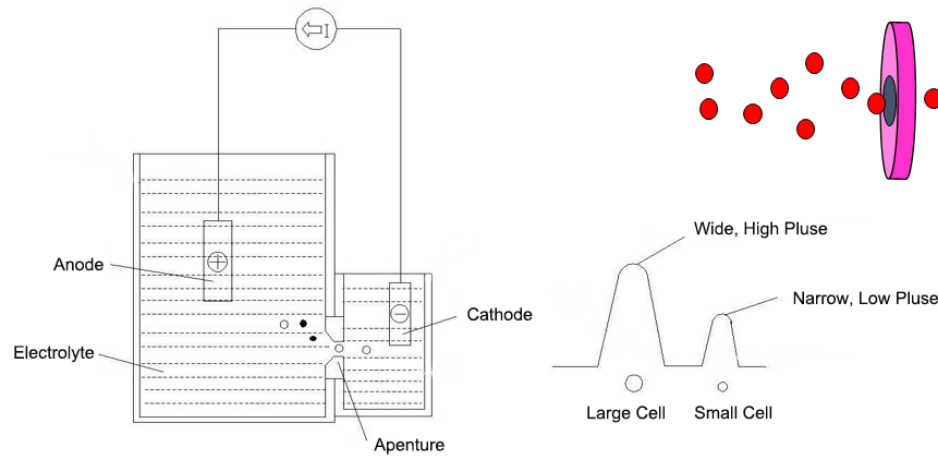
LYM

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

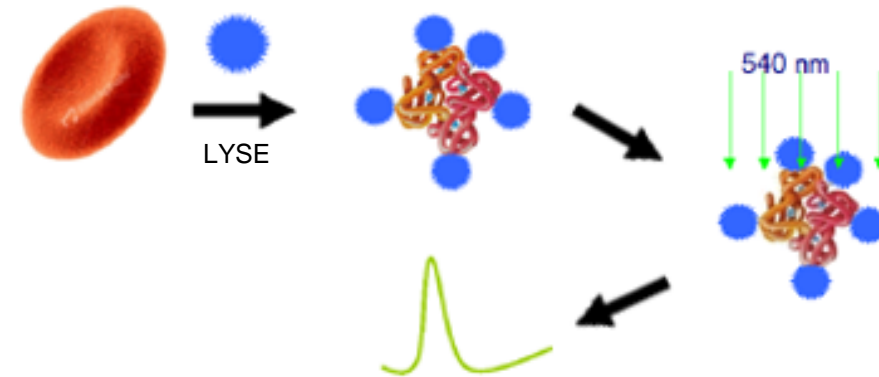


Hematology V5

Principle



Impedance Method

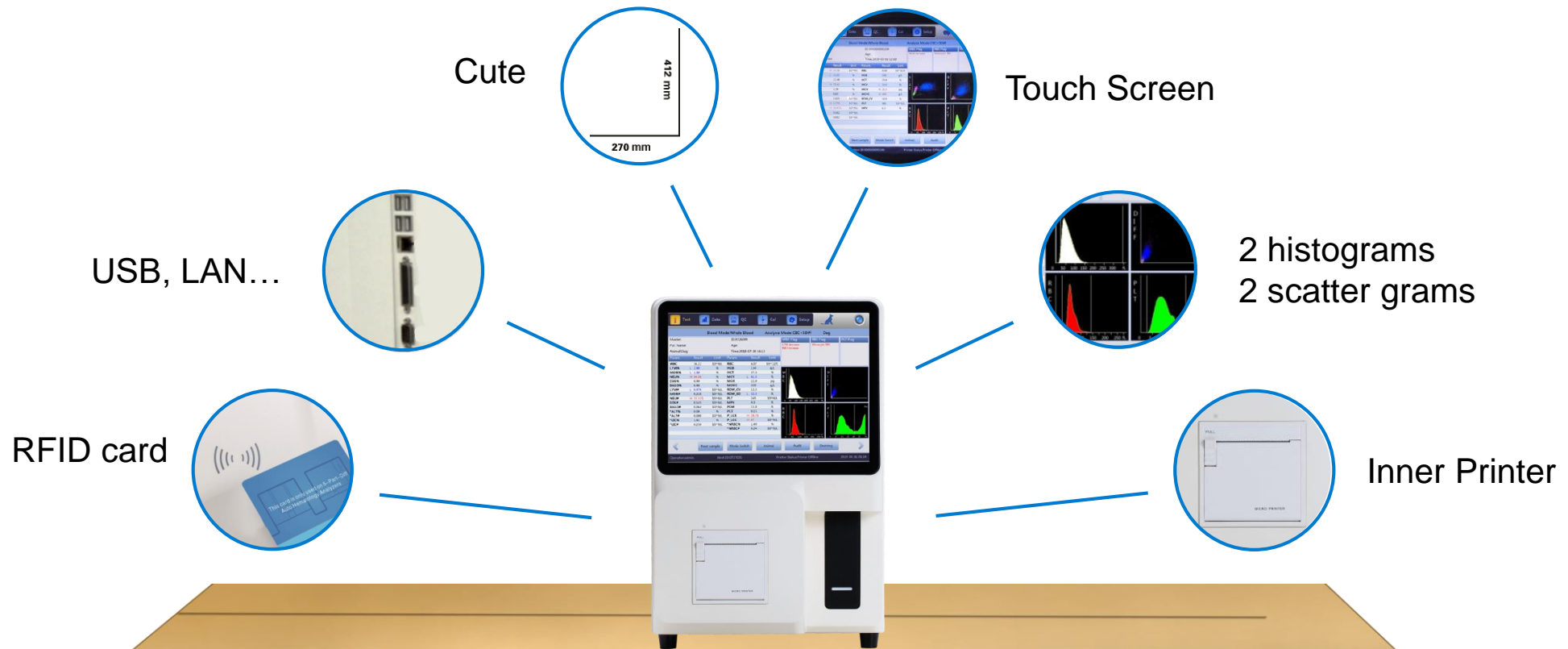


Colorimetry (Cyanide-Free)



Hematology V5

Appearance

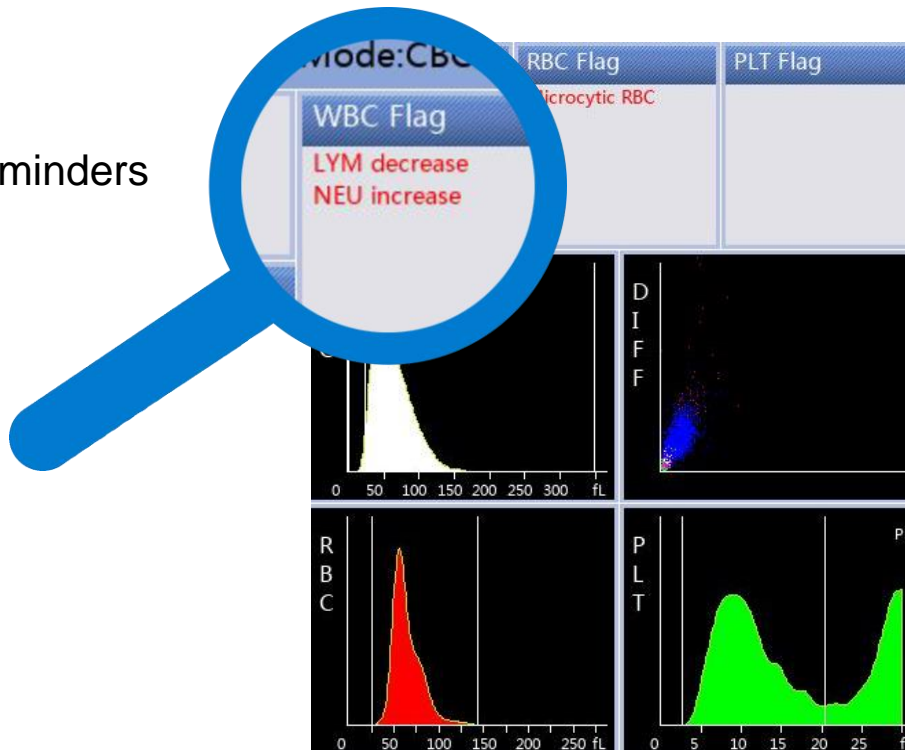




Hematology V5

User-friendly

Flag reminders

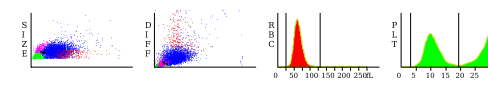


5-Part-Diff Analysis Report

Master: ID: 00000000008
Pat. Name: _____
Tel: _____
Gender: _____
Age: _____
Case ID: Animal: Rabbit
Time: 2019-04-29 19:17
Print Time: 2019-04-30 08:14

Param	Result	Unit	Range	Low	High
WBC	7.78	10 ⁹ /L	3.00-13.50		
LYM%	12.331	%	30.00-80.00		
MON%	5.55	%	2.00-16.00		
NEU%	76.491	%	15.00-60.00		
EOS%	4.851	%	0.00-4.00		
BASO%	0.78	%	0.00-8.00		
LYM#	0.9591	10 ⁹ /L	1.300-8.300		
MON#	0.431	10 ⁹ /L	0.050-1.70		
NEU#	5.953	10 ⁹ /L	0.500-6.0		
EOS#	0.377	10 ⁹ /L	0.000-0.0		
BASO#	0.060	10 ⁹ /L	0.000-0.0		
RBC	3.261	10 ¹² /L	3.50-6.0		
HGB	691	g/L	80-140		
HCT	19.31	%	25.0-45.0		
MCV	59.31	fL	60.0-80.0		
MCH	21.1	pg	19.0-25.0		
MCHC	3571	g/L	280-350		
RDW_CV	19.8	%	11.0-22.0		
RDW_SD	28.91	fL	30.0-50.0		
PLT	185	10 ⁹ /L	80-1100		
MPV	10.91	fL	4.0-9.0		
PDW	9.7	fL	1.0-30.0		
PCT	0.20	%	0.03-0.90		
P_LICR	31.99	%	10.00-60.00		
P_LICC	59	10 ⁹ /L	1-150		
*NRBC%	8.08	%	0.00-99.99		
*NRBC#	0.62	10 ⁹ /L	0.00-999.99		
*ALYS%	0.16	%	0.00-99.99		
*ALY#	0.012	10 ⁹ /L	0.000-99.999		
*LIC%	1.74	%	0.00-99.99		
*LIC#	0.135	10 ⁹ /L	0.000-99.999		

Clear reports



Sender: Operator: administrator Auditor: _____
This result is valid only for current sample



Hematology V5

Consumables



Detergent

5 / 10 / 20 L



Sheath

10 / 20 L



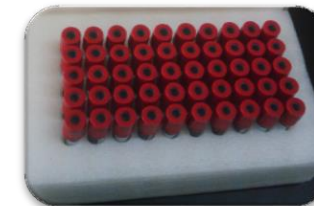
Diluent

5 / 10 / 20 L



Lyse

0.5 / 1 L



RET Lyse

4 mL*50 /100



Hematology V5

Test Procedure _____

Next sample

ID: 00000000006 Case ID:

Master: Pat. Name:

e/Animal_Tel: Age: Y

Gender: Sampling time: YYYY-MM-DD HH:mm

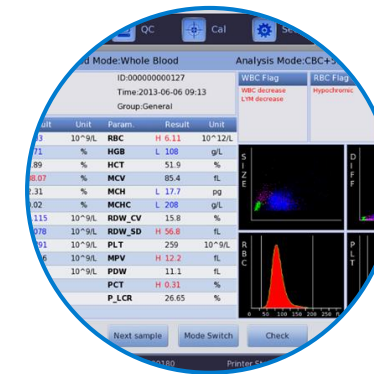
Send time: YYYY-MM-DD HH:mm Sender:

Remark:

Information input



Sample test



Result



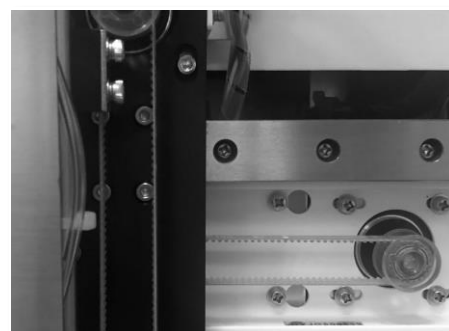
Hematology V5

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

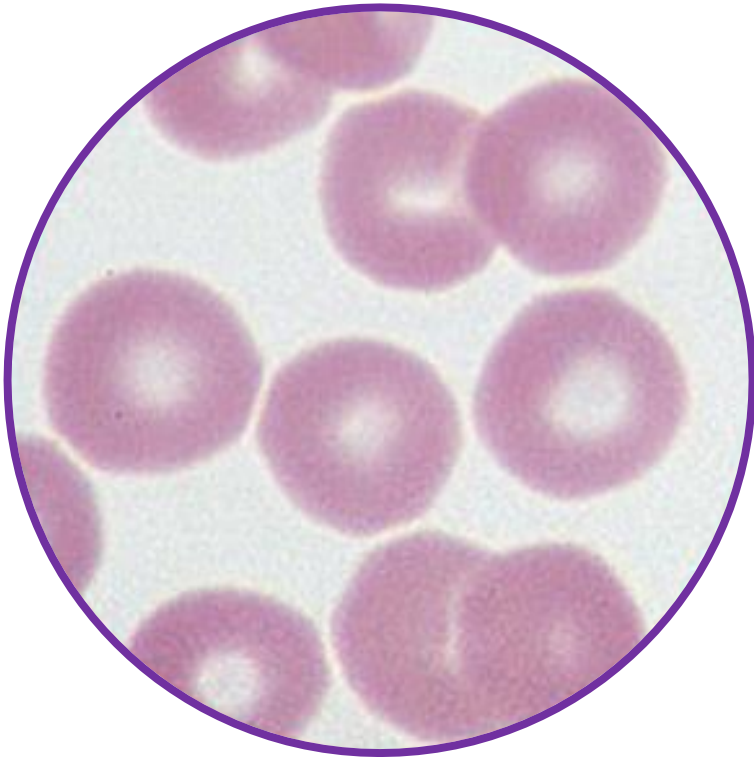
Having following symptom:

- 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

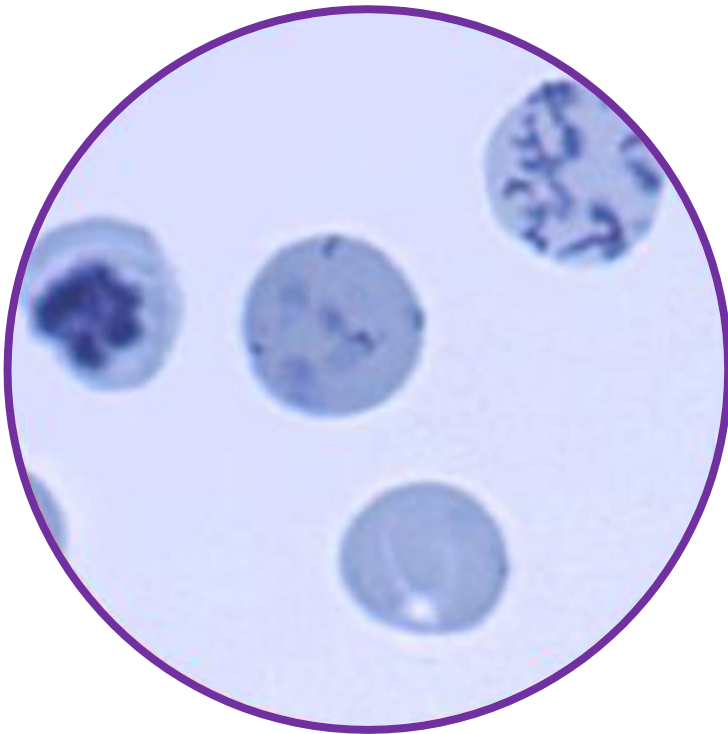
- Key players in the hemostatic process

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