

EHVT-50 RET

Multi-Functional Analyzer For Vet

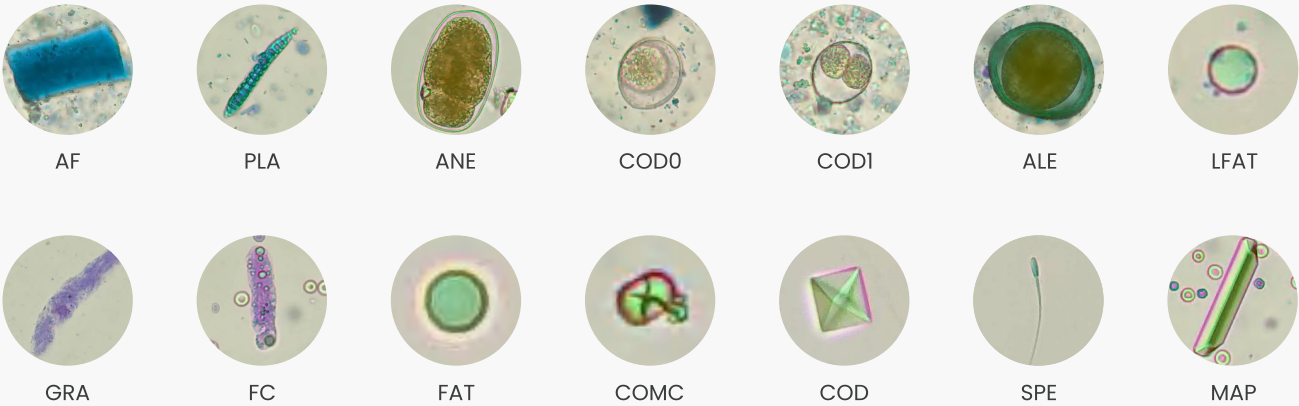
7-Diff Hematology + Urine + Feces + Immunology analysis

Your Ideal Veterinary AI Lab

- Powered by AI-driven 7-part differential hematology analysis, our product also supports urine, fecal and immunoassay testing

Advanced Cell Morphology Analysis

- With more than 7-diff hematology analysis, EHVT-50 is able to identify multi-classified and abnormal cells, such as **RET**



Linearity

Parameters	Linearity Range	Allowable Deviation %	R ²
WBC	3.0 ~ 80.0*10 ⁹ /L	Within ±15.0	≥0.98
RBC	4.0 ~ 18.0*10 ¹² /L	Within ±6.0	≥0.98
HGB	80 ~ 300g/L	Within ±6.0	≥0.98
PLT	150 ~ 800*10 ⁹ /L	Within ±20.0	≥0.98

Precision

Parameters	CV
WBC	≤6.0
RBC	≤3.0
HGB	≤2.5
PLT	≤10.0
MCV	≤3.0

EHVT-50



Test Item

7-Diff CBC	38 Parameters: WBC, NEU#, NST#, NSG#, NSH#, LYM#, MON#, EOS#, BAS#, NEU%, NST/WBC%, NST/NEU%, NSG%, NSH/WBC%, NSH/NEU%, LYM%, MON%, EOS%, BAS%, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, HDW-CV, HDW-SD, RET#, RET%, PLT, MPV, PDW, PCT, APLT#, P-LCC, P-LCR	
Urine Analysis	Cast	HYA#, RBC-C#, LC#, RTC#, GRA#, WAC#, FC#, BC#
	Cell	RBC#, WBC#, RTE#, SEC#, TEC#, SPE#
	Crystal	MAP#, COMC#, COD#, CP#, UAC#, CYSC#, CC#, BilC#, AUC#
	Microorganisms	COS#, BAC#, SAC#, FUN#
	Others	FAT#, PHL#
Fecal Analysis	Parasite eggs	ALE#, ANE#, CEE#, DIP#, SPI#, Tte#, TRE#
	Digestive function	STA#, LFAT#, PLA#, AF#
	Cell	RBC#, WBC#, EPC#
	Microorganisms	COS#, BACI#, C/B, CAM#, BAC#, SS1#, SS2#, YEA#
	Intestinal protozoa	TRI#, FLA#, COD#, COD0#, COD1#, COD2#, Tg#
Immunoassay	Inflammation	cCRP, fSAA
	Pancreatitis*	Fat droplet, and mucus
	Kidney disease*	cSDMA, fSDMA, cCys-C, fCys-C
	Hormone*	Cortisol, T4, HbA1c, TSH, cProg, LH
	Cardiac marker*	cTnl, NT-proBNP
	Infectious disease*	FeLV Ag, FIV Ab, FCoV Ag, FPV Ag, CCV Ag, CPV Ag, CDV Ag, Giardia Ag, HW Ag, Ecanis Ab, Anapl.Ab, Lyme Ab, fToxop Ab, CIV Ag, Lepto
	Others*	D-dimer
	Immuno function antibody titer*	CPV Ab, CDV Ab, FHV Ab, FCV Ab, FPV Ab, RV Ab, ICH Ab, CAV Ab

*Under development

Specifications

Principle: Cell morphology for CBC/urine/feces
FIA for immunofluorescence assay

Sample Mode: Blood, urine, feces

Sample Volume: 55µL for CBC
200µL for urine
200µL for feces

Calibration Mode: Auto calibration

Quality control: Dry-type QC card

Communication: 2 USB ports, LAN port, LIS

Printer: Built-in thermal printer,
external printer (optional)

Species: Canine, feline (more species will be
extended, customization is available)

Throughput: 8 samples/hour

Display: 10.1-inch touch screen

Power Supply: 100-240V, 50/60HZ

Weight: 15kg (N.W.)

Dimensions: 400mm x 350mm x 450mm (L x W x H)

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