

EHVT-50 RET

Multi-Functional Analyzer For Vet

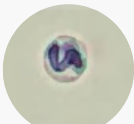
6-Diff Hematology + Urine + Feces + Immunology analysis

Your Ideal Veterinary AI Lab

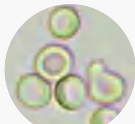
- Powered by AI-driven 6-part differential hematology analysis, our product also supports urine and fecal immunology testing

Advanced Cell Morphology Analysis

- With more than 6-diff hematology analysis, EHVT-50 is able to identify multi-classified blood cells and abnormal cells, such as RET



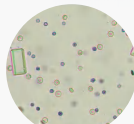
Stab Form Neutrophil



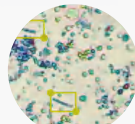
Teardrop Cell



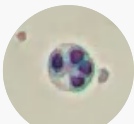
Schistocyte



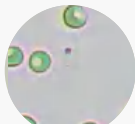
MAPC



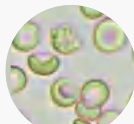
Bacilli



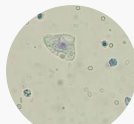
Segmented Neutrophil with Four Lobes



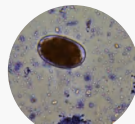
Heinz Body



Echinocyte



SEC



Hookworm Egg

Linearity

Parameters	Linearity	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



Test Item

6-Diff CBC	WBC, NEU#, NST#, NSG#, LYM#, MON#, EOS#, BAS#, NEU%, NST/WBC%, NSG%, LYM%, MON%, EOS%, BAS%, NST/NEU%, RBC, HGB, HCT, MCV, MCH, MCHC, RDW_CV, RDW_SD, HDW-SD, HDW-CV, ETG#, ETG%, NRBC#, NRBC/WBC%, NRBC/RBC%, RET#, RET%, MCVr, RDW-CV, PLT, MPV, LPLT#, PDW-SD, PDW-CV, PCT, P_LCR, APLT#	
Urine Analysis	Cast	Transparent cast, cellular cast, granular cast, and wax cast
	Cell	White blood cell, red blood cell, squamous epithelial cell, transitional epithelial cell, and renal tubular epithelial cell
	Crystal	Magnesium ammonium phosphate crystal, calcium oxalate crystal, monohydrate calcium oxalate crystal, dihydrate calcium oxalate crystal, calcium phosphate crystal, uric acid crystal, and cystine crystal
	Microorganism	Cocci, bacilli, yeast, and mold
	Others	Fat droplet, and mucus
Fecal Analysis	Parasite	Hookworm egg, tapeworm egg, Dipylidium caninum egg, and spirometra tapeworm egg
	Intestinal Protozoa	Trichomonas, Giardia, Coccidia, Isospora 0, Isospora 1, and Isospora 2
	Cell	Red blood cell, white blood cell, and epithelial cells
	Food Residue	Starch granule, lipid droplet, plant fiber, and muscle fiber
	Microbial Community	Cocci, bacilli, short rod-shaped bacteria, crude rod-shaped bacteria, fine rod-shaped bacteria, rod-shaped bacteria, curved rod-shaped bacteria, spore forming bacteria, snake shaped spirochetes, dense spirochetes, and yeast
Immunoassay	Inflammation	Cocci, bacilli, yeast, and mold
	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, E.canis 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

*Customization is available

Specifications

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

Sample Mode: Blood, feces, urine

Calibration Mode: Auto calibration

Quality Control: Dry-type QC card

Sample Volume: 55μL for testing, 100μL for loading

Communication: 2 USB ports, 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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