

MORPHOLOGY ANALYZER

BLOOD

- 1. Automated Blood Smear Preparation:**
Delivers Consistent, High-Quality Smears While Minimizing Manual Labor and Errors
- 2. High-Resolution Imaging:**
Provides Clear, Detailed Images for Accurate and Reliable Blood Testing

URINE

- 1. Centrifuge-Free Processing:**
Eliminates Centrifugation, Saving Time and Equipment Costs
- 2. Automated Analysis:**
Provides Swift and Precise Urine Analysis, Enhancing Diagnostic Efficiency

FECES

- 1. No Preprocessing Required:**
1. Enhances Efficiency by Removing Sample Preprocessing, Making Diagnostics Faster and Simpler
- 2. Comprehensive Screening:**
Delivers In-Depth Pathogen Detection, Ensuring Thorough Diagnostics

FLUID (Optional)

- Leading Fluid Analysis with In-Depth Qualitative and Quantitative Morphological Assessments
- 1. A Preemptive Screening Before Bacterial Culture
 - 2. Precision Fluid Analysis: Expertly Categorizing Transudate, Exudate, and Modified Exudate

WORKFLOW BENEFITS

ABBREVIATIONS	PARAMETERS
NEU#	Neutrophil #
NST#	Band Neutrophil #
NSG#	Segmented Neutrophil #
NHG#	Hypersegmented Neutrophil #
LYM#	Lymphocyte #
MON#	Monocyte #
EOS#	Eosinophil #
BAS#	Basophil #
NST/WBC%	Band Neutrophil/White Blood Cell%
HGB	Hemoglobin
HCT	Hematocrit
MCV	Mean Corpuscular Volume
RET#	Reticulocyte #
NRBC#	Nucleated Red Blood Cell #
ETG#	Erythrocyte Ghost Cell #
SPH#	Spherocyte #
AGG#	Agglutination #
LPLT#	Large Platelet #
P-LCR	Platelet - Large Cell Ratio
APLT#	Aggregated Platelet #

Crystals	
Struvite	Uric Acid
Calcium Oxalate Monohydrate	Cystine
Calcium Oxalate Dihydrate	Calcium Phosphate

Cells	
Red Blood Cell	Epithelial Cell
White Blood Cell	Sperm

Parasite Eggs	
Ascaris	Dipylidium
Hookworm	Spirometra
Tapeworm	Alaria

Intestinal Protozoa	
Trichomonas	Coccidia 0
Giardia	Coccidia 1
Isospora	Coccidia 2

Germ	
Cocci	Campylobacter
Rods	Bacillus
Brevibacterium	Spirochete
Crude Bacilli	Helicobacter
Thin Bacilli	Yeast
Cocci/Rods	

Cast hyaline & Non hyaline	
Hyaline Cast	Granular Cast
Cellular Cast	Waxy Cast

Digestive Functions	
Starch Granules	Plant Fiber
Lipid Droplets	Muscle Fiber

Germ	
Cocci	Yeast
Bacillus	



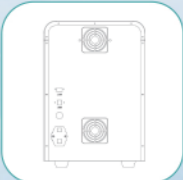
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MULTIFUNCTIONAL MORPHOLOGY ANALYZER



MULTIFUNCTIONAL

MORPHOLOGY ANALYZER

EXCLUSIVE PARAMETERS

All In One

An all-in-one solution designed to meet all your needs efficiently.

AI Analysis

AI analysis that provides deep insights and actionable data in real-time.

Large-Scale Data

Large-scale data processing for comprehensive and accurate insights.

Automated, Advanced, Accurate



User-Friendly Operation

User-friendly operation for a seamless and intuitive experience.
Experience seamless diagnostics with automated blood smear preparation, centrifuge-free sample processing, and no-preprocessing for fecal sampling.

Advanced Microfluidic

Advanced microfluidics designed for precise single-cell layer manipulation and analysis

Liquid-Free Chamber

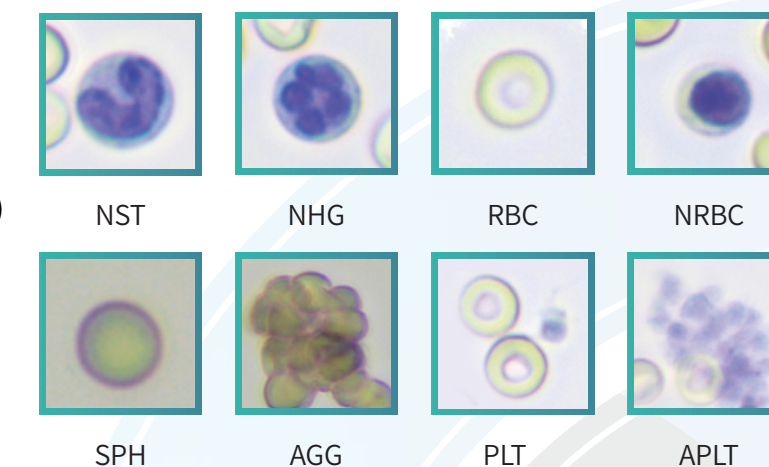
Dry chamber ensuring contamination free, non-clogging and precise operation.

Our product adheres to the gold standard, delivering unparalleled precision and accuracy through cutting-edge technology

Our microscopic camera offers nanometer precision, capturing 600-1200 images in 4K resolution, perfectly complementing our advanced AI 3D model technology for unmatched accuracy.

BLOOD

Band Neutrophils
Segmented Neutrophils
Hypersegmented Neutrophils
Reticulocyte (Aggregate form for Feline)
Spherocytes
Nucleated RBC
Aggregated Platelets
RBC morphology (9 quadrants)



URINE

Hyaline and Non-Hyaline Cast (4types)
6 types of Crystals
Pathogenic Microbes



FECES

Parasite eggs, Intestinal Protozoa



FLUID (Optional)

1. Nucleated Cells 2. Red Blood Cells 3. Bacteria

