

AVE-772

Fully Automated Integrated Urine Analyzer



Triple Testing with Flexible Dual Modes

Combines physical, morphological, and dry chemistry testing with adaptable dual-mode operation.



Low Reagent Consumption

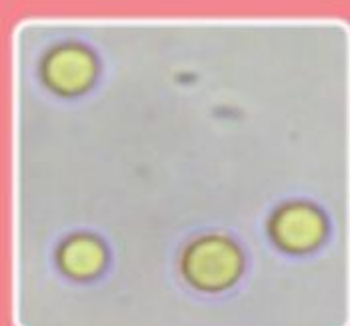
Streamlined reagent use with just one cleanser and no sheath fluid. The standard 10× concentrated pack dramatically lowers shipping costs.



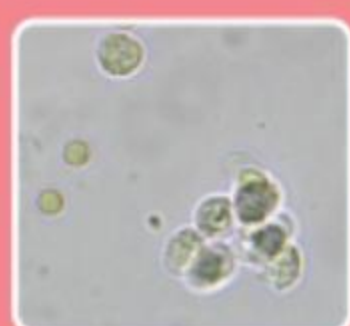
Comprehensive 14-Parameter Chemistry Panel

Includes MACR, GLU/PRO, and other key urine chemistry markers for thorough analysis.

Detects 35+ Cells Types



RBC



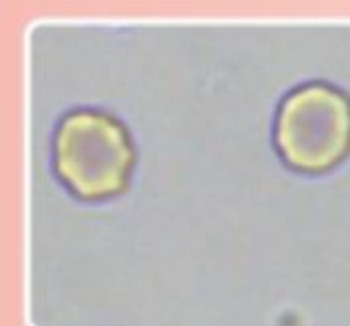
WBC



Calcium Oxalate Crystals



Uric Acid Crystal



Macrocyte



Microcyte



Crenated RBC



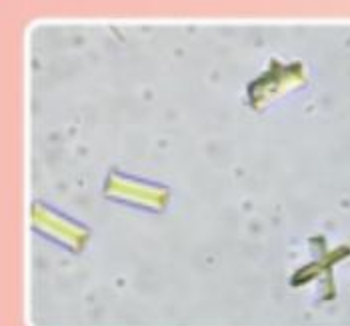
Ring-Shaped RBC



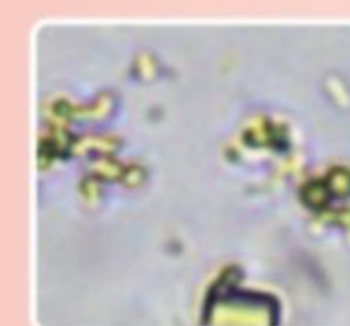
SREC



Ghost RBC



Ammonium Magnesium Phosphate Crystals



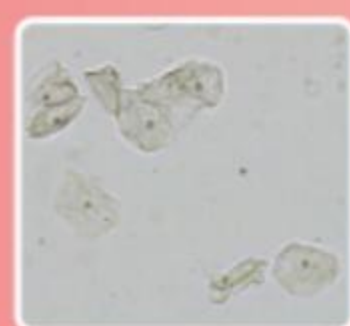
Amorphous Crystals



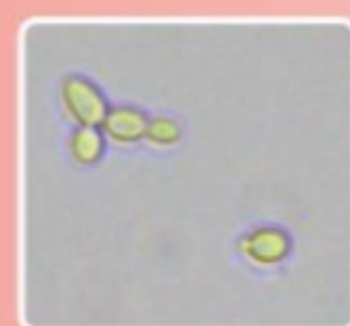
Granular Cast



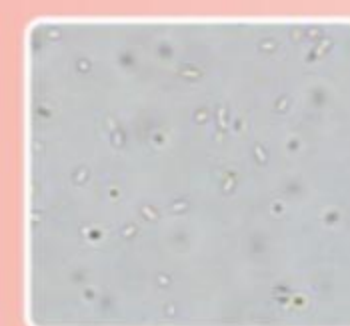
Hyaline Cast



Squamous Cell



Yeast



Bacteria



Sperm

Core Features

ISLH Gold Standard Microscopy

LP and HP objectives generate full-field and segmented images, with a 5-megapixel CCD providing sharp, true images.

Nine Subtypes of Dysmorphic RBCs

Detailed classification offers powerful indicators of glomerular injury and the source of hematuria.

Dynamic Video Observation

Record live Trichomonas and Sperm motion in urine with AI automation

Test Report

Urine Analysis Report									
Name:		Gender:		Age:Year		Samp. ID:0117			
Inp. ID:		Dept.:		Bed ID:		Case ID:			
Diagn.:		Status:		Subm. T:08/26/2025					
Urine Chemistry					Urine Formed Element				
Item	Result	Unit	Ref.	Item	Result	Unit	Ref.		
BIL	-	umol/l	neg	RBC	10-20*	/HPF	0-1		
PRO	-	g/l	neg	WBC	5-10*	/HPF	0-1		
UBG	1+	umol/l	norm	Crystal	2-3*	/HPF	0-1		
GLU	-	mmol/l	norm	Cast	5-15*	/LPF	0-1		
KET	-	mmol/l	neg	Epithelium	>25*	/LPF	0-1		
BLD	2+	cell/ul	neg	Normal RBC	5-10*	/HPF	0-1		
NIT	-	umol/l	neg	Abnr RBC	10-20*	/HPF	0-1		
pH	6.0		5.0-7.5	Mucus	5-15*	/LPF	0-1		
SG	1.010		1.010-1.030	Pus cell	0	/HPF	0-1		
LEU	2+	cell/ul	neg	Squamous Cell	>25*	/LPF	0-1		
CAL	/			SREC	0-1*	/LPF	0-1		
ASC	-	mmol/l	neg	LREC	0	/LPF	0-1		
				Tail Epithelium	0	/LPF	0-1		
				Yeast	1-2*	/HPF	0-1		
				Bacteria	50-100*	/HPF	0-1		
				Prickle cell	0	/HPF	0-1		
				Spurr Cell RBC	0	/HPF	0-1		
				Target Cell RBC	0-2	/HPF	0-1		
				Ghost RBC	0-2	/HPF	0-1		
				Red cell Fragments	0	/HPF	0-1		
				phagocyte	0	/HPF	0-1		
				Myelium	0	/HPF	0-1		
				Cystine Crystal	0	/HPF	0-1		
PMC				Color: Yellow		Morphology		Normal RBC (%):99.95 (%)	
				Turbid: Clear				Abnr RBC (%):0.05 (%)	
Report Date:09/04/2025 17:25 Subm. : Tested:系统管理员 Verifier:									
Remark: Address:									

Specification

- **Throughput:**
Chemistry: 200 T/H
Microscopy: 60-120 T/H
Microscopy+Chemistry: 60-120 T/H
- **Positive Flag:** Auto Alerts For Verification
- **STAT Mode:** Supporting Analysis Of Emergency, Redo And QC Samples
- **Capacity:** Up To 60 Samples (10 × 6 Racks)
- **Microscopy:** LPF20X & HPF40X Lenses
- **Multi-layer Imaging:** Available
- **Strip tank capacity:** 200 Strips
- **Imaging:** 5MP CCD, >1,000 Images Per Sample
- **Memory:** ≥200,000 Results
- **Connectivity:** Uni-/bi-Directional LIS/HIS

Reagents & Consumables

Cleanser、Buffer、Urine Test Strips、AVE proprietary QC for microscopy and chemistry
(Also Supports Bio-Rad Third-Party QC Via Liquichek™ Urinalysis Control) (CAP Control)



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