

LAB21017 Urinalysis, Microscopic

BMC, CRH, LFH, HRK, OCH, FTT, FOX, FXCC

Performing Location(s)

BMC, CRH, LFH, HRK, OCH, FTT, FOX, FXCC

Specimen Type

Random Urine

Preferred Container

Random Urine Tube

Storage Requirements

See Causes of Rejection for temperature requirements.

May be refrigerated up to 24 hours

DO NOT USE CHEMICAL PRESERVATIVES

Transportation Needs

Deliver specimen to the laboratory within 1 hour of collection.

If not possible see "Storage Requirements"

Causes for Rejection

Mislabeled or unlabeled specimen

Specimen received in container with chemical preservatives

> 1 hours room temperature

> 24 hours refrigerated

Quantity insufficient for analysis

Interference by chromogen metabolite from certain antibiotics

Gross hemolysis

Reference Values

Microscopic			
Parameter	Population	Units	Reference Range
RBC's	All populations	#/hpf	0-2
WBC's	All populations	#/hpf	0-2
Squamous Epithelium	All populations	#/hpf	0-5
Transitional Epithelium	All populations	#/hpf	0-3
Renal Epithelium	All populations	#/hpf	None Seen
Bacteria	All populations	#/hpf	None Seen
Crystals	All populations	#/hpf	None Seen

Hyaline Casts	All populations	#/lpf	0-5
All Other Casts	All populations	#/lpf	None Seen
Mucus	All populations	#/lpf	None Seen, 1+, 2+
Sperm	All populations	#/hpf	Absent
Trichomonas	All populations	#/hpf	None Seen
Budding Yeast	All populations	#/hpf	None Seen
Oval Fat Bodies	All populations	#hpf	None Seen

Available STAT

Yes

Methodology

Manual microscopy

Automated using flow cytometry and fluorescence

CPT Code

81015