

Urinalysis

CPT Code: Urinalysis with Microscopic: 81001

Order Code: C916

Includes: Glucose, Protein, Bilirubin, Urobilinogen, pH, Blood, Ketones, Nitrite, Leukocyte esterase, Specific Gravity, Color, Appearance and Microscopic elements if found

ABN Requirement: No

Synonyms: Urinalysis with Microscopic; UA

Specimen: Urine, Random

Volume: 8.0 mL

Minimum Volume: 3.0 mL

Container: Urine Specimen Tube (Cherry Red/Yellow Top)

Collection:

1. Collect urine sample according to standard protocols.
2. Transfer aliquot from a clean urine cup into a Cherry Red/Yellow Top tube using the vacutainer transfer device included with the Cherry Red/Yellow Top tube.
3. Gently invert tube 8-10 times
4. Label sample according to standard protocols.

Patient Preparation: Patient should be instructed to collect a “clean-catch, midstream” urine specimen.

Transport: Store urine at 2°C to 8°C after collection and ship the same day per packaging instructions provided with the Cleveland HeartLab shipping box.

Stability:

Ambient (15-25°C): 2 hours

Refrigerated (2-8°C): 72 hours

Frozen (-20°C): not acceptable

Deep Frozen (-70°C): not acceptable

Causes for Rejection: Grossly bloody or mucoid samples; specimens other than urine in a Cherry Red/Yellow Top tube; improper labeling; samples not stored

properly; samples older than stability limits

Methodology: Colorimetric/Automated Microscopic

Turn Around Time: 1 to 3 days

Limitations: Unusually colored urine due to medication, azo dyes (Pyridium, Azo Gantrisin, and Azo Gantanol) or riboflavin may interfere with any of the urine tests below.

Reference Range: See below

Chemistry Result	Reference Range
Glucose	<30 mg/dL
Protein	≤20 mg/dL
Bilirubin	<0.5 mg/dL
pH	5.0-8.0
Hemoglobin/Blood	Negative
Urobilinogen	<2 mg/dL
Ketones	Negative
Nitrite	Negative
Leukocyte Esterase	<25 Leu/uL
Specific Gravity	1.005-1.035
Turbidity	Clear
Color	Colorless to Dark Yellow
Microscopic Result	Reference Range
RBC	0-2 cells/HPF
WBC	0-5 cells/HPF
Epithelial Cells	0-5 cells/HPF
Bacteria	None HPF
Hyaline Casts	<10 cells/LPF

The CPT codes provided are based on AMA guidelines and are for informational purposes only. CPT coding is the sole responsibility of the billing party. Please

direct any questions regarding coding to the payer being billed.