Test Definition: UBILU

Bilirubin, U

Overview

Useful For

Limited use in screening of patients for liver disease.

Method Name

ICOTEST

NY State Available

Yes

Specimen

Specimen Type

Urine

Shipping Instructions

Ship specimen in amber vial to protect from light.

Specimen Required

Supplies: Amber Frosted Tube, 5 mL (T192)

Submission Container/Tube: Amber vial (T192)

Specimen Volume: 5 mL

Collection Instructions: Collect a random urine specimen.

Specimen Minimum Volume

1 mL

Reject Due To

No specimen should be rejected.

Specimen Stability Information

Specimen Type	Temperature	Time	Special Container
Urine	Refrigerated (preferred)		
	Frozen		

Clinical and Interpretive

Clinical Information

Bilirubin is primarily derived from metabolism of hemoglobin. Only conjugated bilirubin is excreted into the urine and normally only trace amounts can be detected in urine. Elevated urinary bilirubin occurs in patients with obstructive jaundice or jaundice due to hepatocellular disease or injury. However, urine bilirubin is relatively insensitive for

detection of liver disease. Hyperbilirubinemia due to hemolysis is principally due to unconjugated bilirubin, and therefore does not result in increased urinary bilirubin.

Reference Values

Negative

If positive, results reported as trace or positive.

Interpretation

Elevated urinary bilirubin is suggestive of hepatocellular disease or post-hepatic biliary obstruction.

Cautions

False positive tests may occur if urine is contaminated with stool, or if the patient is taking drugs which cause red coloration of urine. False negative tests may occur after prolonged storage, exposure to light, or if patient has taken large amounts of ascorbic acid.

Clinical Reference

Brunzel, NA, Fundamentals of Urine and Body Fluid Analysis, W.B. Saunders Company, Philadelphia, 1994.

Performance

Method Description

Bilibrubin couples with p-nitrobenzene diazonium p-toluene sulfonate and produces a blue color. (Brunzel, NA, Fundamentals of Urine and Body Fluid Analysis, W.B. Saunders Company, Philadelphia, 1994)

PDF Report

No

Day(s) and Time(s) Test Performed

Monday through Sunday; Continuously

Analytic Time

Same day

Maximum Laboratory Time

1 day

Specimen Retention Time

1 week

Performing Laboratory Location

Rochester

Fees and Codes

Fees

- Authorized users can sign in to Test Prices for detailed fee information.
- Clients without access to Test Prices can contact Customer Service 24 hours a day, seven days a week.
- Prospective clients should contact their Regional Manager. For assistance, contact Customer Service.

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Test Classification

This test has been cleared, approved or is exempt by the U.S. Food and Drug Administration and is used per manufacturer's instructions. Performance characteristics were verified by Mayo Clinic in a manner consistent with CLIA requirements.

CPT Code Information

81002

LOINC® Information

Test ID	Test Order Name	Order LOINC Value
UBILU	Bilirubin, U	58450-8

Result ID	Test Result Name	Result LOINC Value
UBIL	Bilirubin	5770-3