
Lab Dept: Urine/Stool

Test Name: PREGNANCY TEST, URINE

General Information

Lab Order Codes: UHCG

Synonyms: Urine HCG; preg test; human chorionic gonadotropin

CPT Codes: 84703 – Gonadotropin, chorionic (hCG); qualitative

Test Includes: Urine pregnancy test reported as positive or negative.

Logistics

Test Indications: Useful for the qualitative detection of human chorionic gonadotropin (hCG) to detect pregnancy.

Lab Testing Sections: Urinalysis

Phone Numbers: MIN Lab: 612-813-6280

STP Lab: 651-220-6550

Test Availability: Daily, 24 hours

Turnaround Time: 1 hour

Special Instructions: N/A

Specimen

Specimen Type: Urine

Container: Urine cup

Draw Volume: 1 mL urine

Processed Volume: Minimum: 0.5 mL urine

Collection: Early morning specimen preferable. No preservative.

Special Processing: Label specimen appropriately (urine).

Patient Preparation: N/A

Sample Rejection: Volume <0.5 mL urine; mislabeled or unlabeled specimen

Interpretive

Reference Range: Negative (reported as positive or negative). Specimens containing as low a level as 25 mIU/mL hCG will yield positive results when tested with Quick Vue One-Step hCG Combo Test®. In normal pregnancy, hCG can be detected as early as 6 days following conception with concentrations doubling every 32 to 48 hours, peaking in excess of 100,000 mIU/mL in approximately 10 to 12 weeks. Levels of 25 mIU/mL hCG are reportedly present in urine and serum as early as 2 to 3 days before expected menses. Serum hCG is rapidly cleared into the urine and the concentration of hCG in serum is approximately equal to the concentration in urine.

Critical Values: N/A

Limitations: Some instances of a positive urine and negative serum test occur. This is due to hCG breakdown products present in the urine. Repeat the test a week later.

Methodology: Monoclonal Antibody, Quick Vue One-Step hCG Combo Test®

References: Quidel Quick Vue One-Step hCG Combo Test Kit Package Insert (2002)