

**NHANES 2001-2002 Data Release  
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Documentation for Laboratory Results**

**Pregnancy Testing Using Urine and Blood Specimens**

**(1) Documentation File Date-September 3, 2003**

**(2) Documentation File Name- Pregnancy Testing Using Urine and Blood Specimens**

**(3) Survey Years Included in this File Release-2001-2002**

**(4) Component Description**

The dual energy x-ray absorptiometry (DXA) scan was performed on survey participants 8 years and older. The scan involves radiation exposure to the whole body. Pregnant women are excluded from the DXA , bioelectrical impedance and cardiovascular fitness components of the mobile examination center. Initially, a urine pregnancy test was performed. If the urine test results were positive, for pregnancy, a serum pregnancy test was also performed.

**(5) Sample Description:**

**5.1 Eligible Sample**

A pregnancy test was completed on female participants aged 12 to 59 years and menstruating females aged 8 to 11 years.

**(6) Description of the Laboratory Methodology**

The Icon<sup>r</sup> 25 hCG (Urine/Serum) test kit is a rapid chromatographic immunoassay for the qualitative detection of human chorionic gonadotropin (hCG) in urine or serum to aid in the early detection of pregnancy. The test utilizes a combination of monoclonal and polyclonal antibodies to selectively detect elevated levels of hCG in urine or serum.

**(7) Laboratory Quality Control and Monitoring**

The NHANES quality control and quality assurance protocols (QA/QC) meet the 1988 Clinical Laboratory Improvement Act mandates. Detailed quality control and quality assurance instructions are discussed in the [NHANES Laboratory/Medical Technologists Procedures Manual \(LPM\)](#). Read the LABDOC file for detailed QA/QC protocols.

**(8) Data Processing and Editing**

Urine and serum specimens were tested in the NHANES mobile examination centers. Detailed specimen collection and processing instructions are discussed in the NHANES Laboratory/Medical Technologists Procedures Manual (LPM).

**(9) Data Access:**

All data are publicly available.