

Pregnancy Test Interpretation

Experiment 11 - Practical Notes

Name: _____ Roll no.: _____ Date: _____

Aim

To interpret a urine hCG teaching test according to its control and test indicators.

Principle

A urine pregnancy test detects human chorionic gonadotropin by an immunoassay. A valid control is required. A positive result indicates detected hCG; it does not determine pregnancy location or gestational age.

Requirements

- Instructor-provided test images or approved quality-control material; the test instructions.

Procedure

1. Check the test

Read the intended specimen, expiry, control requirement and interpretation window.

2. Observe the teaching result

Read the supplied result within the stated time window.

3. Classify

Record valid negative, valid positive or invalid using the manufacturer's rule.

Human Anatomy and Physiology

4. Explain limitations

Consider timing, urine dilution and the need for clinical confirmation where appropriate.

Observations and Record

Teaching test	Control indicator	Test indicator / result
1	_____	_____
2	_____	_____
3	_____	_____

Result

Record the completed observations, calculations and conclusion with units. State any limitation of the observation.

Precautions

- Use the instructions for the exact device; line patterns differ.
- An early negative result may not exclude pregnancy; do not diagnose from a teaching image.

Viva Questions and Answers

1. Why is the control important?

It checks the test process sufficiently to permit interpretation.

2. Does a positive urine test locate a pregnancy?

No. Clinical assessment is needed for location and other questions.

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