

# ASCP Practice Test Questions and Answers

## 1. Southern blotting detects:

- A) RNA sequences
- B) Protein expression
- C) DNA sequences
- D) Lipid biomarkers

## 2. The Kleihauer-Betke test is used to:

- A) Identify blood group antibodies
- B) Detect fetal-maternal hemorrhage by quantifying fetal cells in maternal blood
- C) Type HLA antigens
- D) Screen for hemolytic disease

## 3. Waxy casts in urine sediment indicate:

- A) Early acute tubular necrosis
- B) Severe chronic renal failure
- C) Mild proteinuria
- D) Recent vigorous exercise

## 4. Irradiation of blood products prevents:

- A) Bacterial contamination
- B) Transfusion-associated graft-versus-host disease (TA-GvHD)
- C) CMV transmission
- D) Alloimmunization to HLA antigens

**Answers: 1-C 2-B 3-B 4-B**

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