



Edmonton Diagnostic Services Perinatal Testing Services

Kleihauer-Betke - Quantitative Test for Fetal Bleed

AB_PN-07

TEST DESCRIPTION

This test is the next step that would be taken after a positive FMH rapid screen. The purpose of this test is to quantitate how much of a fetal-maternal bleed has occurred, and subsequently additional doses of Rh Immune Globulin (RhIG) will be given to prevent the mother from forming an antibody which may cause problems in future pregnancies. The principle of this test is to differentiate fetal and maternal blood cells based on the type of hemoglobin that is present. The test utilizes a specialized solution that will stain fetal and maternal cells differently.

SPECIMEN AND REQUISITION REQUIREMENTS

Specimen(s)

- One (1) 4- 6 ml EDTA (lavender) tube, mixed thoroughly by gentle agitation.
- Label specimens with the required minimum information: patient's last name, first name, PHN or Unique Lifetime Identifier (ULI) and date of collection.

Complete Requisition (must include)

- Patient's last name, first name, date of birth and PHN or ULI
- Clinic and Health Care Provider name, and complete address, phone and fax number
- Phlebotomist ID information
- Date of collection

Requisition(s)

- *Request for Serological Investigation Requisition_AB*
- *Perinatal Testing For Red Blood Cell Serology*

PRE-SHIPING STORAGE

Recommended Refrigeration 1-10°C

SHIPPING INSTRUCTIONS

Submit samples as soon as possible after collection.

Shipping

- Ship in a container that will maintain temperature at $\geq 1^{\circ}\text{C}$.
- Select shipping method for container to arrive at testing site within 48 hours.

Note: *Protect from freezing.*

SEND TO

Canadian Blood Services
Edmonton Centre
8249 114 St NW
Edmonton, AB T6G 2R8
Attention: Diagnostic Services Perinatal Laboratory
Tel: 780-431-8765
Fax: 780-431-8747