



Winnipeg Diagnostic Services Perinatal Testing Services

Kleihauer-Betke - Quantitative Test for Fetal Bleed

MB_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)

- Two (2) full 5-7 ml EDTA (lavender) tubes mixed thoroughly by gentle agitation.
- Label specimen with the required minimum information: patient's last name, first name, PHIN or hospital number or other unique identifier, date of collection, facility name, and phlebotomist initials.

Complete Requisition (must include)

- Patient's last name, first name, date of birth and PHIN or hospital number or other unique identifier
- Expected date of delivery (EDD)
- Facility Name
- Physician/Health Care Provider name
- Phlebotomist name, classification, initial
- Date/time of collection
- Name, facility, address, contact number of individual to whom the report will be sent

Requisition(s)

- *Request for Perinatal Testing Requisition_MB*

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
Winnipeg Centre
Perinatal Laboratory
777 William Ave.
Winnipeg, MB R3E 3R4
Tel: 204-789-1088
Fax: 204-789-1006