



Edmonton Diagnostic Services Perinatal Testing Services

Post Natal Testing - Rh Negative Mothers

AB_PN-05

TEST DESCRIPTION

Post-natal (post-partum) testing consists of ABO and RhD blood group, antibody screen and fetal bleed screen test on all Rh negative women who have delivered an Rh positive infant. A Kleihauer-Betke Quantitative test for fetal bleeding is performed on all positive fetal bleed screen tests. The Kleihauer-Betke test is required to quantitate the volume of fetal-maternal hemorrhage and determine the amount of Rh Immune Globulin (RhIG) needed to prevent alloimmunization. RhIG recommendations are made.

SPECIMEN AND REQUISITION REQUIREMENTS

Note: Wait at least one hour after delivery to collect mother's sample

Specimen(s)

- **Mother:** One (1) 6 ml EDTA (lavender) tube, mixed thoroughly by gentle agitation.
- **Cord:** One (1) 6 - 10 ml clotted (red top) tube
- 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)

- Maternal Information: mother's last name, first name, date of birth and PHN or ULI
- Cord/Neonate's last name, first name, date of birth and PHN
- Clinic and Health Care Provider name, and complete address, phone and fax number
- Phlebotomist ID information
- Date of collection

Requisition(s)

- *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