



Vancouver Diagnostic Services Perinatal Testing Services

Cord / Neonate Testing (ABO/Rh/DAT - HDFN Investigation)

BC_PN-04

TEST DESCRIPTION

Testing includes ABO and RhD blood group.

Direct Antiglobulin Test (DAT) is performed. The test will demonstrate the in-vivo coating of red cells with antibody. A positive DAT is a critical result and is telephoned and faxed to the primary care giver.

Phenotyping is performed for the corresponding antigen when mother has clinically significant antibody(ies).

Rh Immune Globulin (RhIG) treatment recommendations are made as applicable.

SPECIMEN AND REQUISITION REQUIREMENTS

Specimen(s)

- **Mother:** One (1) 6-7 ml EDTA (lavender) tube, mixed thoroughly by gentle agitation.
- **Cord:** One (1) 6 - 10 ml clotted (red top) tube
- **Neonate:** 1ml EDTA tube or 1 microtainer EDTA tube with minimum volume 250 microlitres, mixed thoroughly by gentle agitation.
- Label specimens with the required minimum information: patient's last name, first name, PHN or unique identifier and date of collection.

Complete Requisition (must include)

- Maternal Information: mother's last name, first name, date of birth and PHN or unique identifier
- 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)

- *Antibody Investigation Requisition_BC*

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
BC & Yukon Centre
Diagnostic Services Laboratory
4750 Oak Street
Vancouver, BC V6H 2N9
Tel: 604-707-3434
Fax: 604-874-6582