



Edmonton Diagnostic Services Perinatal Testing Services

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

AB_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

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
- **Neonate:** 1 ml 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 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