



National Immunohematology Reference Laboratory (NIRL) Immunohematology Referral Testing Services

Transfusion Reaction Investigation

NIRL_REF-04

TEST DESCRIPTION

A laboratory clerical check of all documentation relating to the pre-transfusion sample is performed. Pre and post-transfusion venipuncture samples are visually inspected and compared for the presence of hemolysis. Preliminary tests may include the determination of patient's ABO group, DAT and a screen for the detection of atypical antibodies. Additional testing is performed based on the patient's clinical symptoms and/or laboratory findings.

SPECIMEN AND REQUISITION REQUIREMENTS

Specimen(s)

- One full (1) (preferably two (2)) 5-7 ml EDTA (lavender) tubes mixed thoroughly by gentle agitation. Within 14 days of collection.
- Label specimen with the required minimum information: patient's last name, first name, middle name, PHN or unique identifier and date of collection.

Complete Requisition (must include)

- Patient's last name, first name, middle name, PHN or unique identifier and date of birth
- Facility name, complete address, phone and fax number
- Phlebotomist ID information
- Date of collection

Requisition(s)

- *Request for Serological Investigation (F800437)*
- *Demande D'Investigation Serologique (F800850)*

PRE-SHIPPING 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 4°C to 25°C
- Select shipping method for container to arrive at testing site within 48 hours.
- Sample must be received at testing site within 14 days of collection.

Note: *Protect from freezing.*

SEND TO

Canadian Blood Services
National Immunohematology Reference Laboratory (NIRL)
100 Parkshore Drive
Brampton, ON, L6T 5M1
Tel: 905-494-5295
Fax: 905-494-8131