



Vancouver Diagnostic Services Immuno-hematology Referral Testing Services

Transfusion Reaction Investigation

BC_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, Direct Antiglobulin test (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)

- Minimum of two (2) –6-7 ml EDTA (lavender) tubes, unless pediatric patient, mixed thoroughly by gentle agitation.
- Label specimen with the required minimum information: patient's last name, first name, PHN or unique identifier and date of collection.

Complete Requisition (must include)

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

Include....

- Transfusion Reaction Details
- Reaction date, clinical signs and symptoms, pre & post vitals, measures taken
- Blood component blood group, component type, donation number, volume transfused, transfusion start and end dates and times
- Nursing clerical check

Requisition(s)

- *Antibody Investigation Requisition_BC*

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 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