

Edmonton Diagnostic Services

Immunohematology Referral Testing Services

Transfusion Reaction Investigation

AB_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) 4 - 6 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 Lifetime Identifier (ULI) and date of collection.

Complete Requisition (must include):

- Patient's last name, first name, date of birth and PHN or ULI
- 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)

- [*Transfusion Reaction Investigation Requisition \(Not available on-line - Contact Edmonton Diagnostic Services\)*](#)

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
Edmonton Centre
8249 114 St NW
Edmonton, AB T6G 2R8
Attention: Diagnostic Services Laboratory
780-431-8765 (Phone) / 780-431-8747 (Fax)