



# Winnipeg Diagnostic Services Immunochemistry Referral Testing Services

## Direct Antiglobulin Test (DAT)

MB\_REF-03

### TEST DESCRIPTION

This test is performed to determine whether a patient's red blood cells have been sensitized in vivo with immunoglobulin, complement, or both. The DAT is used most commonly to investigate possible hemolytic transfusion reactions, Hemolytic Disease of the Fetus and Newborn (HDFN), autoimmune hemolytic anemia, and drug-induced immune hemolysis. The clinical significance of a DAT result should take into consideration the patient's clinical history, diagnoses, and other laboratory test results.

### SPECIMEN AND REQUISITION REQUIREMENTS

#### Specimen(s)

- **Adults and Children:** One (1) full 5-7 ml EDTA (lavender) tube mixed thoroughly by gentle agitation.
- **Infants:** 250 microlitres minimum EDTA OR microtainer tube mixed thoroughly by gentle agitation.
- Label specimen with the required minimum information: patient's last name, first name, PHIN or hospital number or other unique identifier, date of collection, facility name, and phlebotomist initials.

#### Complete Requisition (must include)

- Patient's last name, first name, date of birth and PHIN or hospital number or other unique identifier
- Clinic / Facility Name
- Physician/Health Care Provider name
- Phlebotomist name, classification, initial
- Date/time of collection
- Name, facility, address, contact number of individual to whom the report will be sent

#### Requisition(s)

- *Request for Miscellaneous Testing Requisition\_MB*

### 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  
Winnipeg Centre  
Diagnostic Services Laboratory  
777 William Ave.  
Winnipeg, MB R3E 3R4  
Tel: 204-789-1085  
Fax: 204-779-8593