



American Red Cross

**American Red Cross Blood Services
Southern California Region
Immunohematology Research Laboratory**

Patient's Name: _____ Age/DOB: _____ Sex: _____

Hospital Name: _____ Patient ID #: _____

Hospital Address: _____

City: _____ State/Zip: _____

Lab Phone: _____ Lab Fax: _____

Contact Person: _____ Physician: _____

CRITICAL DATA REQUIRED FOR INVESTIGATION:

Diagnosis: _____

Hb/Hct: _____ Retic: _____ LDH: _____ Bili (indirect): _____

Hemoglobinemia? _____ Hemoglobinuria? _____ Other clinical/lab data: _____

Medications: _____

Transfusions <3 mos. _____ > 3 mos. _____ Pregnancy _____

DAT result: _____ Eluate: _____ Eluate method: _____

Indirect AGT: _____ IAT method(s) _____

Antibody history: _____

Specimen date: _____

Test requested: DAT-Positive AIHA Investigation Donath-Landsteiner Investigation

Drug-Induced IHA: Drug suspected: _____ Dates admin: _____

Please Attach Complete Drug History

MMA: Antibody specificity _____

Other _____

ARC person contacted: _____ Date: _____

Other comments:

Send to:

Immunohematology Research Laboratory
American Red Cross Blood Services, Southern California Region
100 Red Cross Circle, Dock B, Pomona, CA 91768

(909) 859-7407 lab phone • (909) 859-7718 lab fax • (909) 859-7405 Scientific Director phone

The submitting facility is expected to ensure positive identification of the patient at the time of specimen collection. Specimens are to be collected in a manner that minimizes bacterial contamination and hemolysis of red cells. Specimens must be submitted in stoppered or securely sealed tubes with firmly attached labels.

Specimen Labeling Requirements:

1. All specimens require at least one unique identifier, e.g. first and last name or ID number
2. Date collected
3. Specimen information must match exactly the information on the submitted requisition

Rejection Criteria:

- Lack of proper patient identification on specimen
- Inappropriate anticoagulant or preservative for requested test
- Leaking or broken specimen containers
- Improper storage of sample before or during transport to laboratory

Specimen Transport:

Specimens should be packed and shipped in compliance with federal regulations covering transportation of etiological agents. Unless specifically requested otherwise, specimens may be sent via overnight mail without coolant in the package.

Specimen Requirements:

SERUM IS REQUIRED FOR ALL TESTING (not plasma)

DAT Positive Autoimmune Hemolytic Anemia (AIHA) Investigation

DAT; AIHA serum screen and/or agglutination titer/thermal amplitude studies; possible additional testing as needed.

- EDTA (lavender or pink top), e.g., 5 ml tube
- 1-2 10 ml red top tubes, minimum 4 ml SERUM

Donath-Landsteiner Investigation

DAT; Donath-Landsteiner test

- EDTA (lavender or pink top), e.g., 5 ml tube
- 3-5 ml SERUM separated from clot at 37C

Drug-Induced Immune Hemolytic Anemia (IHA) Investigation

DAT; eluate and/or serum testing with drug-treated RBCs and/or in the presence of a solution of the drug (dependent upon drug under investigation); possible additional testing as needed.

- 1-2 EDTA (lavender or pink top), 5 ml tubes
- 1-2 10 ml red top tubes SERUM REQUIRED
- Vial or 2-4 capsules/tablets of drug under investigation. Do not dissolve powder forms of drug prior to sending.

Monocyte Monolayer Assay (MMA)

- 1-2 10 ml red top tubes, minimum 2.5 ml SERUM for one assay; extra sample requested for repeat of assay, if necessary