

Job Aid	Antiphospholipid Panel Worksheet Job Aid - Laboratory	Document ID	20308
Keywords	antiphospholipid, panel, lab, APS		
Department	Hematology		

I. Purpose

Use the following job aid to document all results of testing performed for an antiphospholipid panel.

See the next page for worksheet.

Responsible Owner:	Hematology - Laboratory	Contact(s):	Lauren Salvatore
Approved By:	Office of Policy Support (OPS), Malory Tetreault, Nancy Dunbar	Version #	5
Current Approval Date:	11/10/2022	Old Document ID:	
Date Policy to go into Effect:	11/10/2022		
Related Policies & Procedures:	Antiphospholipid Panel Procedure - Laboratory Prothrombin Time Procedure - Laboratory Activated Partial Thromboplastin Time Procedure - Laboratory Thrombin Time Procedure - Laboratory Dilute Russell's Viper Venom (dRVVT) Assay Procedure - Laboratory Silica Clotting Time Procedure - Laboratory		
Related Job Aids:			

Apply Accessioning
Label Here
10-YY-XXX-XXXX

ANTIPHOSPHOLIPID PANEL

Apply Case
Label Here
10-PL-YY-XXXXX

Medication: Heparin Warfarin DOAC (circle): Apixaban / Rivaroxaban

Screening Tests	Result	Ref. Range*
PT		9.4 - 12.5 sec
PTT		25 - 37 sec
Thrombin Time		10 - 17 sec
APL Risk Specific Tests		
dRVVT (ratio)		<1.20
Silica Clotting Time (ratio)		<1.20
Beta-2 glycoprotein 1 (B2GP1) IgG antibody		<7.0 units/mL
Beta-2 glycoprotein 1 (B2GP1) IgM antibody		<7.0 units/mL
Anticardiolipin IgG antibody		<10.0 units/mL
Anticardiolipin IgM antibody		<10.0 units/mL

*ADULT ranges provided; refer to #6140 in Policy Tech for pediatric ranges

To be completed by the TMS physician(s)

Interpretation:	
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Resident/Fellow: _____ Attending: _____ Date: _____

Antiphospholipid Panel Evaluation

1. Specimens Required

- 2 large blue top tubes (3 mL) [for coagulation testing]
- One 4 mL SST [for anticardiolipin antibodies (ACA) and Beta-2 glycoprotein-1 antibodies]

2. Immediate Processing Instructions

- Blue tubes: spin blue top tubes, separate plasma from cells. Spin plasma again. Aliquot the double-spun plasma in ~1 mL volumes (2 tubes are ideal). Label tubes with a Cerner label or with 2 identifiers (full name, date of birth, medical record number) and date of specimen collection. Freeze plasma aliquots.
- SST tube: refrigerate.

3. Instructions for Technologist in D-H Lebanon Laboratory

- Perform PT, PTT and TT. Record coagulation results on Antiphospholipid Panel Worksheet.
- If samples are not previously processed:
 - Blue tubes: spin blue top tubes, separate plasma from cells. Spin plasma again. Aliquot the double-spun plasma into ~1 mL volumes (1 to 2 tubes are ideal). Label with a large Cerner label. Freeze plasma aliquots.
 - If plasma was previously processed, thaw 1 tube and run routine coagulation tests. Mark with a “T” indicating thawed and refreeze samples when complete.

4. Required History

- Relevant patient history?
- On Heparin?
- On Warfarin?
- On Direct Oral Anticoagulant?
 - If yes, which one. (→Cannot run dRVVT or Silica Clotting Time)