

Beaumont

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Document Contact: *Tamara Sabih: Medical Technologist Lead*
Area: *Laboratory-Hematology*
Key Words:
Applicability: *Royal Oak*

Tracking and Manual Coagulation Results Entry-RO

Document Type: Guideline

I. PURPOSE AND OBJECTIVE:

The purpose of this document is to define a clear process that staff can use to track coagulation specimens and for manual coagulation result entry.

II. ACRONYMS:

- A. Activated partial thromboplastin time (aPTT)
- B. D-Dimer HS 500 (DD)
- C. Fibrinogen (QFA)
- D. Laboratory Information System (LIS)
- E. Platelet Function Analysis (PFA)
- F. Prothrombin Time (PT)
- G. Thrombin Time (TT)

III. PROCEDURE:

A. Tracking Samples:

1. Tracking should be located in your toolbar at the top of your screen.
 - a. Click to enter into the tracking page. You will notice that Tracking Microbiology is the default.
 - b. Click the (1) magnifying glass and (2) select "Received in Coagulation-80", (3) and click Accept.
 - c. Type in a comment of "Number of tubes received whole blood or frozen." Verify collection time is within acceptable range according to LTD and add comment "Time OK."
 - d. Then click on Lookup and enter your specimen ID number. Enter on keyboard to pull up the sample.

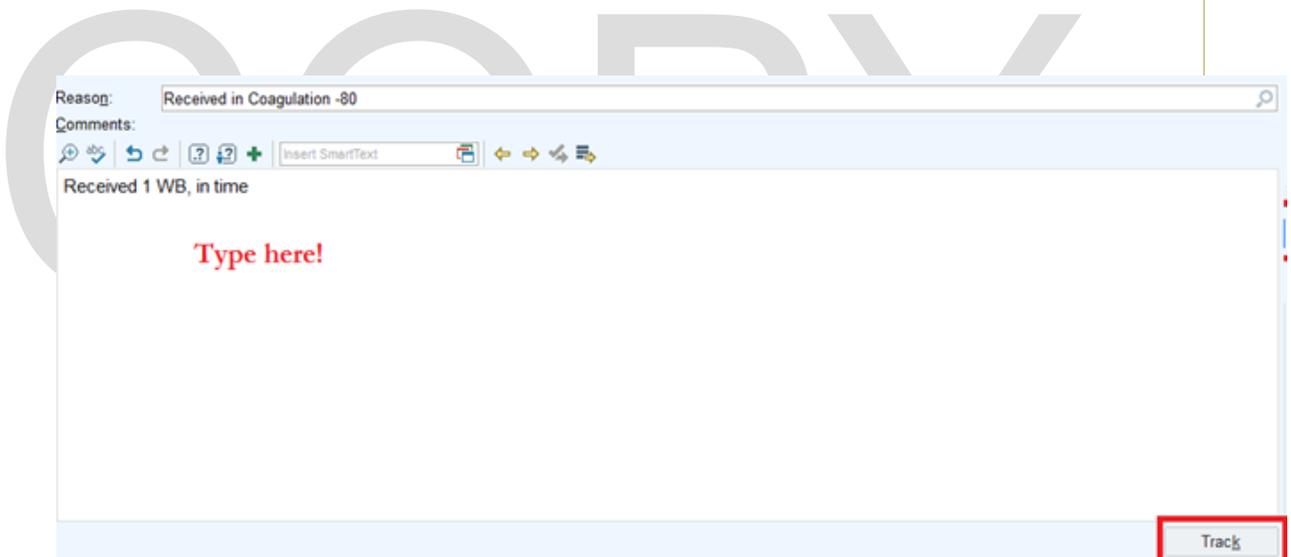
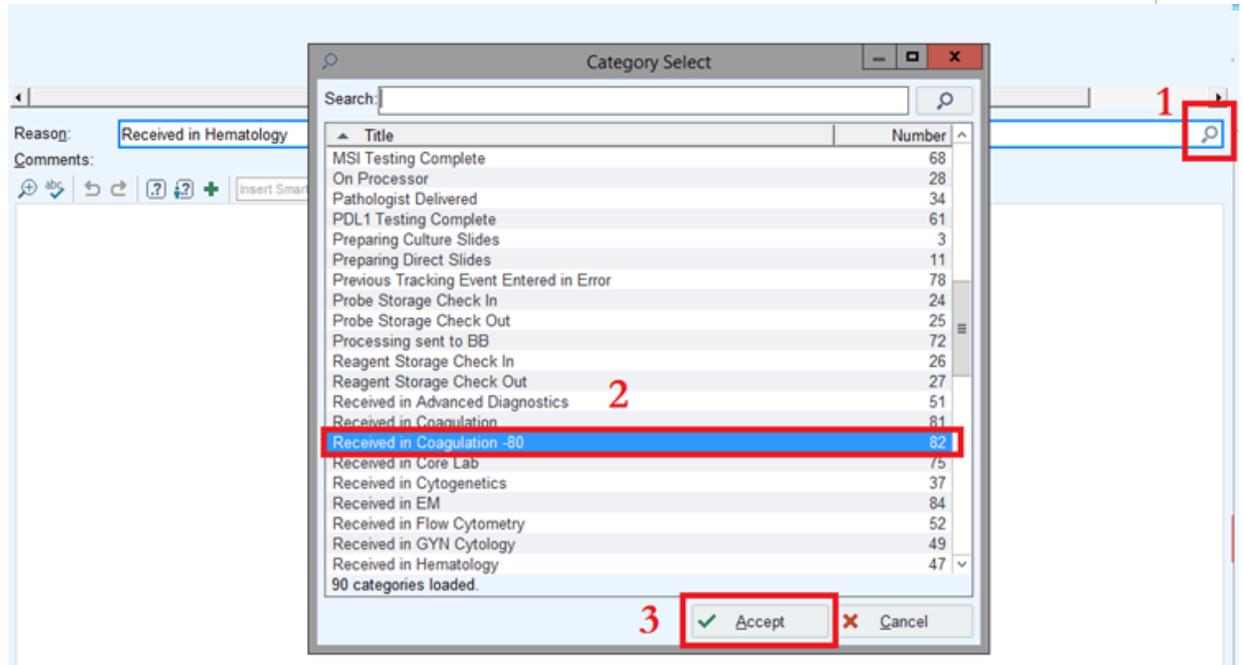
Tracking - Tracking Hematology

Refresh Views - Remove - Lookup Inquiry Results Microbiology GYN Cytology Non GYN Cytology Hematology Surgical Path/Histology

Case: Specimen: Batch/Packing List:

Enter containers to track

e.



- f. To check how this appears in the system go to Specimen Inquiry (By Specimen) and pull up your specimen ID. Take a screenshot of the tracking information noting that your most recent entry appears.

Specimen Inquiry: 20RO-294CG0014

Cancel Documents Labels Specimen Update Result Entry Open Specimen Patient Inquiry Result Report (By Patient) Results Review Result Report (By Specimen) Order Entry

Specimen Inquiry

20RO-294CG0014
Beakerepic, Hemob (MRN 9102778)

M, 90 yrs, 1/2/1930
 Location: 8 NORTH EAST RO, 8603/04, 8603P

Blood, Blood, Venous
 Collected Today 1:21 PM by Collector, Unknown Office
 Container: 1 Lt Blue NaCt

Specimen Tracking

20RO-294CG0014.1 Lt Blue NaCt - PSACT

| Date/Time | Status | Detail | User |
|---------------------|--------------------------|-------------------------------------------------------------------------|----------------|
| 10/20/2020 01:56 PM | Tracked | Received in Coagulation -80 Received 1 WB, in time | Test, Lab Tech |
| 01:34 PM | Tracked | Received in Hematology | Test, Lab Tech |
| 01:22 PM | Requisition Accepted | | Test, Lab Tech |
| 01:21 PM | Received | Received into RYO LABORATORY | Test, Lab Tech |
| 01:21 PM | Collection Updated | Date/Time: 10/20/2020 1:21 PM EDT, Collector: Collector, Unknown Office | Test, Lab Tech |
| 01:21 PM | Order Sent To Instrument | Tests Protein S Activity | Test, Lab Tech |
| 01:17 PM | Specimen Created | Requisition RQ17352 | Test, Lab Tech |

B. Manual Result Entry:

1. Start4

- a. See Attachment A for resulting PT, aPTT, QFA, TT, and DD
- b. Select test from the specimen hierarchy. Click Edit and input the results.
- c. Add an external comment that this was “Performed by alternate method” (note that it is added in a white field) and an internal comment that there was “No clot” (note that it is added to a yellow field).

| Res | Component | Value | Units | ! | Δ | L | IE | R | Ref. Range | Method |
|-----|-----------|--------|---------|---|---|---|----|---|------------|---------------|
| 1 | aPTT | >125.0 | Seconds | ⚠ | | | ⚠ | | 25.0-38.0 | RYO ACL TOP 1 |

Instrument Errors: Data Error, Individual Results Error
 Comment:
 Heparin Therapeutic Range:
 * Acute Coronary Syndrome: 50 - 75 seconds
 * Other Cardiac Indications: 56-81 seconds
 * Venous Thromboembolism: 56-81 seconds.

Result comments:
 Performed by alternate method

- d. Before we Final Verify; call critical result if an EC patient.
- e. Click on the Comm Log and document the following as shown below: “No answer on first attempt at _____.” “Notified employee ID# 128569.”
- f. Accept and Final Verify your results.

Result Entry

Cancel Comm Log Verify Labels Preview Specimen Report Preview Requisition Report Chart Review

Specimens

- 20RO-294CG0016
 - aPTT
 - Fibrinogen
 - Protime INR

Summary Specimen Tracking

20RO-294CG0016
Beakerepic, Hemob (MRN 9102778)

M, 90 yrs, 1/2/1930
 Location: 8 NORTH EAST RO, 8603/04, 8603P

Flags, Holds, & FYIs

Customer Service -- Critical result requires follow-up on aPTT

Edit Repeat Test Method Mnemonic Keys Add Documents

Date/Time Contact Phone/Fax

Phone (Outgoing) 02:46 PM 10/20/2020

Contact: Blenc, Ann Marie, MD Other

Authorizing Submitter PCP Patient

Phone: 248-551-8025 Other Other Other

Topic: Critical Result Critical Other

Outcome: Communicated No Answer Left Message

Insert SmartText 100%

The following critical results were read back and acknowledged.
 aPTT: >125.0 Seconds Critical High (Ref. Range: 25.0-38.0)
 Notified employee ID# 128569.

Lab Comments Insert SmartText 100%

No answer on first attempt 2:30 PM

Accept Cancel

2. Inhibitor Screen:

a. Indicated PT, aPTT, or both:

- i. Click Edit so that you are able to add test(s)/ answer Path Review questions.
- ii. Enter results for an inhibitor screen aPTT, PT, add TT.
- iii. Start by plugging in the following information from the INHIBITOR SCREEN WORKSHEET below:

Royal Oak Pathologist Name:
Dr. Smith

PLACE BARCODE LABEL HERE

INHIBITOR SCREEN WORKSHEET

Original PT: 11.0 Original PTT: 58.6
INR = 0.9

If PT ≤ 15 and PTT ≤ 39: verify as "not indicated"

If PT > 15 and PTT > 39:
 Check for heparin, LMWH, DTI (w/in 24 hrs) and/or warfarin (w/in 2 wks).
 Run thrombin time and follow rules in the box below.

iv. The inhibitor screen is indicated for aPTT:

- a. Mixing Study for Abnormal PT? : No
- b. Mixing Study for Abnormal PTT? : Yes
- c. **PNP performed? :
- d. Path Review: Yes
- e. **Path Review Interpretation:
- f. **Reviewed by (Pathologist)

****NOTE: Leave these lines blank so the pathologist can edit. If an inhibitor screen was not indicated, we would be inputting a comment for these (example to follow).**

| (# Rslt) Component | Value (F5 to edit) |
|----------------------------------|--------------------|
| 1 Prottime | 11.0 |
| 2 INR | 0.9 |
| 3 aPTT | 58.6 |
| 4 Mixing Study for Abnormal PT? | No |
| 5 Mixing Study for Abnormal PTT? | Yes |
| 6 PNP Performed? | No |
| 7 Path Review | Yes |
| 8 Path Review Interpretation | |
| 9 Reviewed By (Pathologist) | |

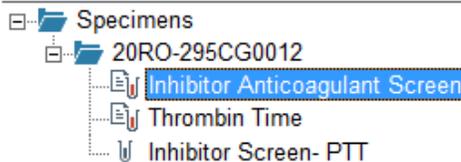
- v. So that the answers to “Mixing Study for Abnormal PT?” and “Mixing Study for Abnormal PTT?” go to the chart, we must check the boxes in the chart column. See below. Notice how the lines change from being yellow to being white because the results will be sent to the chart.

| (# Rslt) Component | Value | A | D | L | R | Units | Ref. Range | Method | C Chart |
|----------------------------------|-------|---|---|---|---|---------|------------|---------------|-------------------------------------|
| 1 Prottime | 11.0 | | | | | Seconds | 9.2-13.5 | MANUAL METHOD | <input checked="" type="checkbox"/> |
| 2 INR | 0.9 | | | | | | | MANUAL METHOD | <input checked="" type="checkbox"/> |
| 3 aPTT | 58.6 | | | | | Seconds | 25.0-38.0 | MANUAL METHOD | <input checked="" type="checkbox"/> |
| 4 Mixing Study for Abnormal PT? | No | | | | | | | MANUAL METHOD | <input checked="" type="checkbox"/> |
| 5 Mixing Study for Abnormal PTT? | Yes | | | | | | | MANUAL METHOD | <input checked="" type="checkbox"/> |

- vi. Prelim Verify the Inhibitor Anticoagulant Screen Portion and move on to adding the other parts.
vii. If Thrombin Time is needed, click the button to add Thrombin Time. Click the button to add on the Inhibitor screen- PTT [2]. Both will show in your specimen hierarchy.
viii.

+ Inhibitor Screen- PT [1] + Inhibitor Screen- PTT [2] + Hemosil aPTT [3] + PNP [4] + Thrombin Time [5]

NOTE: There are options to add on “Inhibitor Screen PT [1]”, “Hemosil aPTT [3]”, and “PNP [4]”. Procedure would dictate the use of these, but our example does not require them.



- ix. Click on “Thrombin Time” and “Inhibitor screen – PTT” in the specimen hierarchy individually, click edit, and enter results from the INHIBITOR SCREEN WORKSHEET below. Final Verify each piece.

If PTT > 39, perform TT: 26 If ≤ 20, perform inhibitor screen
If TT > 20 and drug confirmed, verify as “not indicated” and comment that “patient is on heparin/coumadin”
If TT > 20 and drug effect unconfirmed, hepabsorb (TT (hep): 17) and perform inhibitor screen

If PTT > 39 do both mixing studies (provided no confirmed drug effect, see TT above):

| | |
|---------------------------------------------------|---------------------------------------------|
| PTT Normal Plasma Immediate (PTTNP): <u>30.0</u> | PTT 1:1 Mix Immediate (PTT1MX): <u>62.3</u> |
| ~See Hemosil steps below before incubating~ | |
| PTT Normal Plasma after 2 hr (PTT2N): <u>31.0</u> | PTT 1:1 Mix after 2 hr (PTT2M): <u>57.2</u> |

b. If Inhibitor Screen Not Indicated:

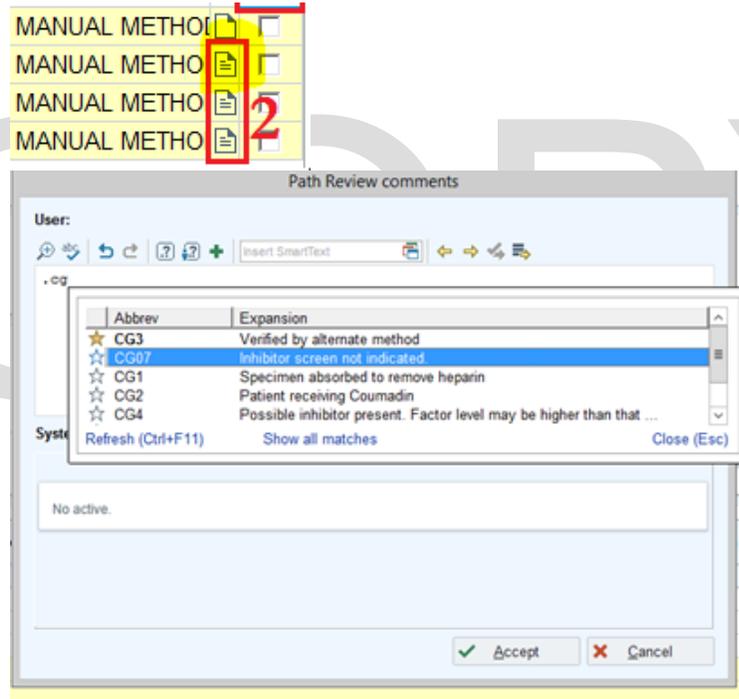
- i. Enter “No” for both mixing study questions and then **check the box all the way to the right in the Chart column 4,5, and 7**. Notice how the lines change from yellow to white because they

will be released to the chart, and input a comment for all three Pathologist fields.

- ii. This must be done because if we do nothing with these three lines we will not be able to final verify the report.
- iii. The comments that we input will be for record keeping and will not go to the chart. Leave the PNP field blank. It is yellow and will not be sent to the chart.

| (# Rslt) Component | Value | A | D | L | R | Units | Ref. Range | Method | C | Chart |
|----------------------------------|-------|-------------------------------------|---|---|---|---------|------------|--------------|-------------------------------------|-------------------------------------|
| 1 Protime | 11.0 | <input checked="" type="checkbox"/> | | | | Seconds | 9.2-13.5 | MANUAL METHO | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2 INR | 1.0 | <input checked="" type="checkbox"/> | | | | | | MANUAL METHO | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3 aPTT | 29.0 | <input checked="" type="checkbox"/> | | | | Seconds | 25.0-38.0 | MANUAL METHO | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4 Mixing Study for Abnormal PT? | No | | | | | | | MANUAL METHO | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5 Mixing Study for Abnormal PTT? | No | | | | | | | MANUAL METHO | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 6 PNP Performed? | | | | | | | | MANUAL METHO | <input type="checkbox"/> | <input type="checkbox"/> |
| 7 Path Review | | | | | | | (none) | MANUAL METHO | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 8 Path Review Interpretation | | | | | | | | MANUAL METHO | <input type="checkbox"/> | <input type="checkbox"/> |
| 9 Reviewed By (Pathologist) | | | | | | | | MANUAL METHO | <input type="checkbox"/> | <input type="checkbox"/> |

- iv. Click the comment sheet in the C column on the “Path Review” line. In the dialog area type ".cg" and the choices will appear. Select “Inhibitor screen not indicated” by double clicking on that choice.



- v. Hit enter to move yourself to the next line and start typing ".cg" again. This time, select “Patient receiving Coumadin” and double click. **Click Accept.**
- vi. For the last two comment fields on the “Path Review Interpretation” and “Reviewed By (Pathologist)” lines click on the comment sheet and simply put a space in the dialog box and click Accept. Now all three comment sheets have lines on them.



- viii. In the white comment field at the bottom enter who was communicated with to confirm patient is on Coumadin. "Patient on Coumadin, verified by RN/Physician #."

- ix. Select Verify, but before you confirm final, review the results and ensure that the “Pathologist Review Interpretation” and “Reviewed By” fields do not end up on the report. If they will display on the report, click Go Back, Edit and uncheck the boxes under the Chart column for these two rows. Then Verify and Confirm Final if everything looks correct.

Inhibitor Anticoagulant Screen

Inhibitor Anticoagulant Screen (Final result)

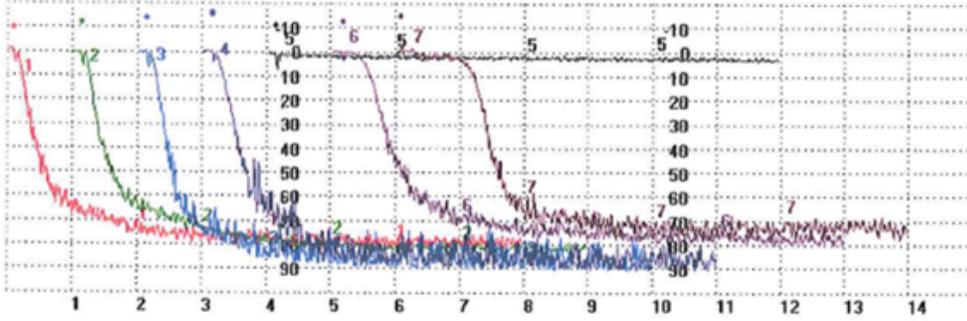
| Test Name | Result | Ref. Range | Units | Lab |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------------|---------|-------|
| Protime | 11.0 | 9.2-13.5 | Seconds | BLRYO |
| INR 2.0 to 3.0 Routine Oral Anticoagulant Therapy 2.5 to 3.5 Oral Anticoagulant Therapy for certain types of Mechanical Heart Valves: For more detailed information, see Beaumont Pharmacy website. | 1.0 | | | BLRYO |
| APTT Heparin Therapeutic Range: * Acute Coronary Syndrome: 50 - 75 seconds * Other Cardiac Indications: 56-81 seconds * Venous Thromboembolism: 56-81 seconds. | 29.0 | 25.0-38.0 | Seconds | BLRYO |
| Mixing Study for Abnormal PT? | No | | | BLRYO |
| Mixing Study for Abnormal PTT? | No | | | BLRYO |
| Path Review Inhibitor screen not indicated. | | | | BLRYO |

Specimen 21RO-117CG0232. Results verified at 4/27/2021 1201.

3. **Platelet Aggregation:** Every platelet aggregation has a PFA and needs a pathologist interpretation. Notice that there are two separate specimen ID numbers created for each order.

| Received | P | MPI | ID | Name | Test | MRN | M | R | A | H | + | ? |
|------------|---|-----|----------------|----------------|--------------|----------------------------|---------|---|---|---|---|---|
| 10/21 0751 | | | 100040397, ... | 20RO-294CG0006 | Beakerepi... | Platelet Function Analysis | 9102729 | | | | | |
| 10/21 0751 | | | 100040389, ... | 20RO-294CG0005 | Beakerepi... | Platelet Aggregation | 9102729 | | | | | |

- Using the Outstanding List or Result Entry click Edit.
NOTE: If using the Outstanding list you must make sure that you select the correct list by clicking views and choosing the correct department list.
- Using the following aggregation results, input all “MA” results into the appropriate field and **Save** your work. The **pathologist will review the results and verify themselves**.
- Answer " Yes" sent for Path review



| # | Ch | Sample ID | ID Number | Date | Test Type | Details | PA | SA | SS | AUC | W | DA | MA | E |
|---|----|-----------|-----------|-----------|----------------|---------------------|----|----|----|-----|---|----|----|---|
| 1 | 1 | Patient | 991508178 | 3/15/2019 | 10uM ADP | collec 3-15-19 1107 | 79 | 0 | 0 | 567 | 0 | 79 | 7 | |
| 2 | 2 | Patient | 991508178 | 3/15/2019 | 5uM ADP | | 82 | 0 | 0 | 579 | 0 | 82 | 8 | |
| 3 | 3 | Patient | 991508178 | 3/15/2019 | 1.5mg/ml RISTO | | 88 | 0 | 0 | 623 | 4 | 88 | 8 | |
| 4 | 4 | Patient | 991508178 | 3/15/2019 | 1.0mg/ml RISTO | | 72 | 15 | 14 | 610 | 0 | 87 | 8 | |
| 5 | 5 | Patient | 991508178 | 3/15/2019 | 0.5mg/ml RISTO | | 3 | 0 | 0 | 18 | 3 | 3 | 0 | |
| 6 | 6 | Patient | 991508178 | 3/15/2019 | 500uM AA | | 78 | 0 | 0 | 521 | 5 | 78 | 7 | |
| 7 | 7 | Patient | 991508178 | 3/15/2019 | Collagen | | 74 | 0 | 0 | 466 | 5 | 74 | 7 | |

| (# Rslt) Component | Value | A | D | L | R | Units | Ref. Range | Method | C | Chart |
|-------------------------------------|-------|-------------------------------------|---|---|---|-------|------------|--------------|--------------------------|-------------------------------------|
| 1 ADP 10.0 MCM MAX | 79 | <input checked="" type="checkbox"/> | | | | % | 65-100 | MANUAL METHO | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2 ADP 10.0 MCM RATE | | | | | | % | 65-100 | MANUAL METHO | <input type="checkbox"/> | <input type="checkbox"/> |
| 3 ADP 5.0 MCM MAX | 82 | <input checked="" type="checkbox"/> | | | | % | 60-100 | MANUAL METHO | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4 ADP 5.0 MCM RATE | | | | | | % | 60-100 | MANUAL METHO | <input type="checkbox"/> | <input type="checkbox"/> |
| 5 COLLAGEN 2.2 MCG/ ML MAX | 74 | <input checked="" type="checkbox"/> | | | | % | 65-100 | MANUAL METHO | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 6 COLLAGEN 2.2 MCG/ML RATE | | | | | | % | 65-100 | MANUAL METHO | <input type="checkbox"/> | <input type="checkbox"/> |
| 7 COLLAGEN LAG PHASE | | | | | | | 15-70 | MANUAL METHO | <input type="checkbox"/> | <input type="checkbox"/> |
| 8 RISTOCETIN 1.5 MG/ML MAX | 88 | <input checked="" type="checkbox"/> | | | | % | 70-100 | MANUAL METHO | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 9 RISTOCETIN 1.5 MG/ML RATE | | | | | | % | 70-100 | MANUAL METHO | <input type="checkbox"/> | <input type="checkbox"/> |
| 10 RISTOCETIN 1.0 MG/ML MAX | 87 | <input checked="" type="checkbox"/> | | | | % | 65-100 | MANUAL METHO | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 11 RISTOCETIN 1.0 MG/ML RATE | | | | | | % | 65-100 | MANUAL METHO | <input type="checkbox"/> | <input type="checkbox"/> |
| 12 RISTOCETIN 0.5 MG/ML | 3 | <input checked="" type="checkbox"/> | | | | % | 0-15 | MANUAL METHO | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 13 ARACHIDONIC ACID 500 MCG/ML MAX | 78 | <input checked="" type="checkbox"/> | | | | % | 60-100 | MANUAL METHO | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 14 ARACHIDONIC ACID 500 MCG/ML RATE | | | | | | % | 60-100 | MANUAL METHO | <input type="checkbox"/> | <input type="checkbox"/> |
| 15 Sent for Path Review? | Yes | | | | | | (none) | MANUAL METHO | <input type="checkbox"/> | <input type="checkbox"/> |
| 16 Pathologist Interpretation | | | | | | | | MANUAL METHO | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 17 Reviewed By | | | | | | | | MANUAL METHO | <input type="checkbox"/> | <input type="checkbox"/> |

4. PFA: Pull up the specimen ID order for the PFA separately. Use Result Entry or the Outstanding List to do this. Then click Edit. Enter the results into the appropriate fields.

The screenshot shows a laboratory information system interface. On the left, there is a specimen label with the following text: ID#: [redacted], Test Type: Collagen/EPI, SAMPLE A: 94 SEC, ID#: [redacted], Test Type: Collagen/ADP, SAMPLE B: 84 SEC. The main interface area is divided into several sections. At the top, there is a 'Specimens' section showing '20RO-294CG0004' and 'Platelet Function Analysis'. To the right, there is a 'Summary' section for patient 'Beakerepic, Cheme (MRN 9102729)', born 6/7/1951, located at 7 NORTH EAST RO, 7609/10, 7609. Below this is a 'Contacts' section for 'Training Submitter Physicians'. At the bottom, there is a table with the following data:

| (# Rslt) Component | Value |
|--------------------|-------|
| 1 PFA Collagen-ADP | 84 |
| 2 PFA Collagen-EPI | 94 |

- a. Click "Verify" and "Confirm Final"

Platelet Aggregation

Platelet Function Analysis (Final result)

| Test Name | Result | Ref. Range | Units | Lab |
|------------------|--------|------------|---------|-------|
| PFA Collagen-ADP | 84 | 0 - 106 | Seconds | BLRYO |
| PFA Collagen-EPI | 94 | 0 - 160 | Seconds | BLRYO |

Comments:

PFA Interpretation: Coll-ADP Coll-Epi

Platelet defects: Increased Increased
 VWD: Increased Increased
 Aspirin: Near normal Increased

Results may be affected by low hematocrit (<35) or decreased platelet count (<150,000).

Aids in interpreting PFA results:

A normal PFA-100 result does not completely exclude platelet dysfunction, as it lacks sensitivity to some congenital defects and anti-platelet drugs. If there is substantive bleeding history or further clinical suspicion of a bleeding disorder, consider platelet aggregation studies for further evaluation.

Platelet aggregation studies can be arranged by calling the Appointment Center (800)328-8542.

Specimen 20RO-294CG0004. Results verified at 10/20/2020 1154.

5. Hexagonal Phase:

- a. Using the Outstanding List or Result Entry click Edit.
 NOTE: If using the Outstanding list you must make sure that you select the correct list by clicking views and choosing the correct department list.
- b. If Hexagonal Phase Phospholipid, #1 w/buffer < X seconds click verify and "Confirm Final".
Results will not be reported only the canned message with Negative Screen.

[Edit](#) | [Repeat](#) | [Method](#) | [Mnemonic](#) | [Keys](#) | [Add Documents](#)

Hexagonal Phase Phospholipid

| Res | Component | Value | Units | ! |
|-----|------------------------------------------------|-------|---------|-------------------------------------|
| 1 | Hexagonal Phase Phospholipid, #1 w/buffer | 33.4 | Seconds | <input checked="" type="checkbox"/> |
| 1 | Hexagonal Phase Phospholipid,#2 w/phosphatidyl | | Seconds | |
| 1 | Hexagonal Phase Phospholipid Result | | | |

1 Hexagonal Phase Screen
Negative Screen
Comment:
 NOTE: Heparin levels >1 IU/mL may interfere with the test leading to falsely positive results. Thrombin inhibitors (e.g. Hirudin, Argatroban) may interfere with the test leading to falsely positive results. Some specific inhibitors may interfere with this test.

Method: MANUAL METHOD Last received: 4/21/2021 7:09 PM

- c. If Hexagonal Phase Phospholipid, #1 w/buffer > X seconds then enter result for Hexagonal Phase Phospholipid, # 2 w/phosphatidylethanolamine and click verify and "Confirm Final"
All results will be reported.

6. Fibrin Split Products (FSP):

- a. Scan the specimen ID for the FSP into the Outstanding List or Result Entry.
 b. Click Edit.

Result Entry

Comm Log | Verify

Specimens

- 21RO-147CG0319
 - Fibrin Split Products

Summary

21RO-147CG0319 Instrument ID: 107193645

Xxx, Ro Lab Demo (MRN 9999937)

F, 43 dys, 4/14/2021

RO254472 submitted by Training Physician Group

Blood, Blood, Venous

Collected Today 2:32 PM by Collector, Unknown Office
 Container: 1 Dk Blue FSP...

Previous Values

| Component | 5/27/2021 7:31 AM | 5/25/2021 2:03 PM | 3/26/2021 7:44 AM | 3/11/2021 1:22 AM |
|-----------------------|-------------------|-------------------|--------------------|-------------------|
| Fibrin Split Products | >40 mcg/mL | >40 mcg/mL | >10 but <40 mcg/mL | <10 mcg/mL |

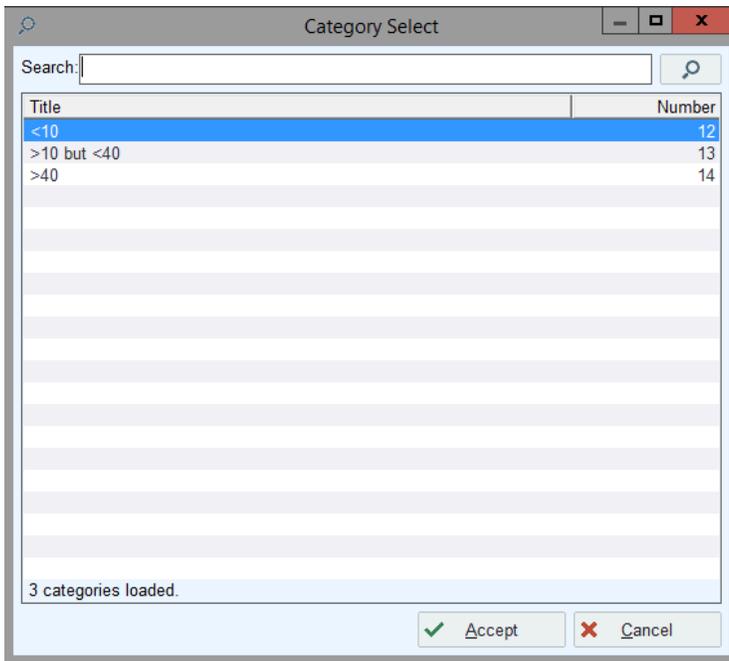
Contacts

| Training Physician Group | Patients Contacts |
|----------------------------------------------|--------------------|
| 248-555-5555 Work | 248-597-2822 Home |
| 123 Beaumont Place Detroit Michigan 48201 | Personal |
| Smith, Marc D, MD | 248-998-9060 Work |
| | RYO LABORATORY |
| | 800-551-0488 Phone |

[Edit](#) | [Save](#) | [Next](#) | [Clear Changes](#) | [Repeat Test](#) | [Method](#) | [Mnemonic](#) | [Keys](#) | [Add Documents](#)

| (# Res) Component | Value | A | D | L | R | Units | Ref. Range | Method | C | Chart |
|-------------------------|-------|---|---|---|---|--------|------------|---------------|---|-------|
| 1 Fibrin Split Products | | | | | | mcg/mL | <10 | MANUAL METHOD | | |

- c. Click in the Value box and click on the magnifying glass to enter the result:



- d. Click "Accept"
- e. Click "Verify" and "Confirm Final"

CC Providers:

Abnormal Results: Fibrin Split Products (A)

Results Key: L- LOW, H- HIGH, A- ABNORMAL, LL- CRITICAL LOW, HH- CRITICAL HIGH, AA- CRITICAL

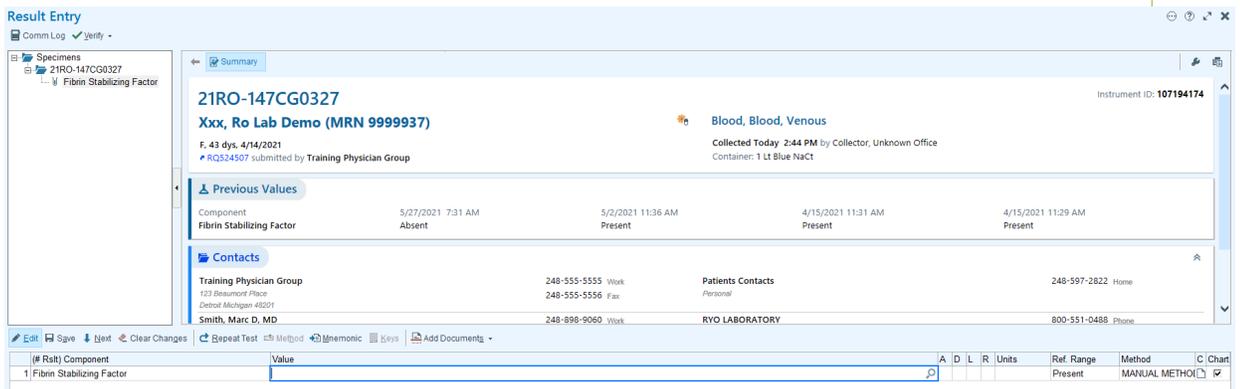
Fibrin Split Products (In process)

| Test Name | Result | Ref. Range | Units | Lab |
|-----------------------|---------|------------|--------|-------|
| Fibrin Split Products | >40 (A) | <10 | mcg/mL | BLRYO |

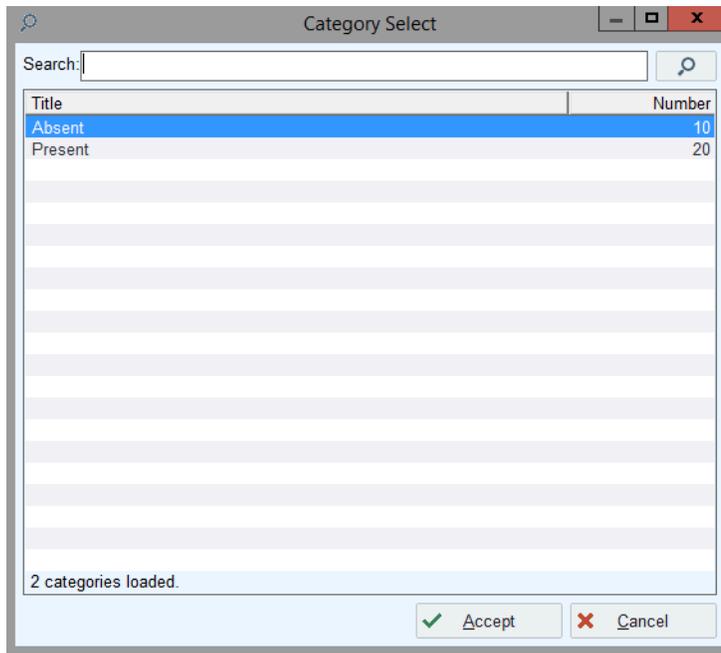
Specimen 21RO-147CG0128. Results verified at 5/27/2021 0739.

7. Fibrin Stabilizing Factor (FSF):

- a. Scan the specimen ID for the FSP into the Outstanding List or Result Entry.
- b. Click Edit.



- c. Click in the Value box and click on the magnifying glass to enter the result:



- d. Click "Accept"
- e. Click "Verify" and "Confirm Final"

Fibrin Stabilizing Factor (In process)

| Test Name | Result | Ref. Range | Units | Lab |
|---------------------------|------------|------------|-------|-------|
| Fibrin Stabilizing Factor | Absent (A) | Present | | BLRYO |

Specimen 21RO-147CG0127. Results verified at 5/27/2021 0743.

Attachments

No Attachments

Approval Signatures

| Step Description | Approver | Date |
|----------------------------------------------------------|---------------------------------------------|-----------|
| | Ann Marie Blenc: System Med Dir, Hematopath | 6/24/2021 |
| Coagulation Medical Director Designee | Marc Smith: System Med Dir, Coagulation | 6/4/2021 |
| Policy and Forms Steering Committee Approval (if needed) | Gail Juleff: Project Mgr Policy | 5/28/2021 |
| Policy and Forms Steering Committee Approval (if needed) | Tamara Sabih: Medical Technologist Lead | 5/27/2021 |
| System Manager | Rebecca Bacarella: Mgr Laboratory | 5/27/2021 |
| | Tamara Sabih: Medical Technologist Lead | 5/27/2021 |

Applicability

Royal Oak

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