



Mayo Medical Laboratories
3050 Superior Drive NW
Rochester, Minnesota 55901
800-533-1710

Attention: All MayoAccess Users

Subject: Announcing the **MayoAccess 6.1 Release**

Explanation: Mayo Medical Laboratories is proud to announce the latest release of enhancements to MayoAccess.

Implementation Date: These changes will be available in the test environment on Monday, September 17, 2012. The new release will be available in our production environment on Sunday, **September 23, 2012 at 11:00 PM CDT.**

Scheduled Outages: MayoAccess production environment will be unavailable starting at 1:00 PM CDT, Sunday, September 23, 2012 and returning at 11:00 PM CDT on Sunday, September 23rd.

Features:

Alpha Abnormal Flag on Report

When the analytical lab flags a test with an alpha result that is abnormal, this flag will now appear on the MayoAccess report. The values that will appear for alpha abnormalities in the Flag column are: AB = Abnormal, C = Critical.

All flagged results will no longer be boxed. This will include alpha abnormalities and numeric abnormalities.

Special Note: If you want this functionality added to your HL7 interface, please contact your RM/RSR to arrange testing and implementation on your interface.

Previous Report:



Laboratory Service Report

1-800-533-1710

| | | | | |
|--------------------------------------|--|------------------|--------------------|------------------------------|
| Patient Name FLAGGING,TEST | Patient ID 5599 | Age 11 | Gender M | Order # X100039795 |
| Ordering Phys WHO,DOCTOR | | | | DOB 01/01/2001 |
| Client Order # AC08150923 | Account Information | | | Report Notes |
| Collected 08/14/2012 07:00 | C7028846-DLMP ROCHESTER 3050 SUPERIOR DRIVE ROCHESTER,MN 55901 | | | |
| Printed 08/15/2012 10:27 | | | | |

| Test | Flag | Results | Unit | Reference Value |
|--|------|----------|------|---------------------------------------|
| HbC Total Ab, S | | Positive | | REPORTED 08/15/2012 10:13 Negative |
| If clinically indicated, testing for Hepatitis B Core IgM antibody is necessary to differentiate between acute and past HBV infection. | | | | |

New flagged abnormal report:



Laboratory Service Report

1-800-533-1710

| | | | | |
|--------------------------------------|---|------------------|--------------------|------------------------------|
| Patient Name FLAGGING,TEST | Patient ID 5599 | Age 11 | Gender M | Order # Q100011353 |
| Ordering Phys WHO,DOCTOR | | | | DOB 01/01/2001 |
| Client Order # AC08140922 | Account Information | | | Report Notes |
| Collected 08/14/2012 07:00 | SQA Manual Account 100 Superior Drive 41st Street NE Rochester, MN 55906 | | | |
| Printed 08/15/2012 14:34 | | | | |

| Test | Flag | Results | Unit | Reference Value |
|--|------|-------------|------|---------------------------------------|
| HbC Total Ab, S | | AB Positive | | REPORTED 08/15/2012 09:27 Negative |
| If clinically indicated, testing for Hepatitis B Core IgM antibody is necessary to differentiate between acute and past HBV infection. | | | | |

Previous report with box:

| MAYO CLINIC Mayo Medical Laboratories | | Laboratory Service Report | | 1-800-533-1710 | |
|--|--------------------------------------|--|--------------------------|-------------------------------------|--|
| Patient Name TEST,MANYTESTS | Patient ID C7028846-001097 | Age 53 | Gender F | Order # X100036756 | |
| Ordering Phys Test,DR | | | DOB 07/20/1958 | | |
| Client Order # X100036756 | | Account Information | | Report Notes | |
| Collected 07/17/2012 12:24 | | C7028846-DLMP ROCHESTER 3050 SUPERIOR DRIVE ROCHESTER,MN 55901 | | | |
| Printed 08/15/2012 14:46 | | | | | |
| Test | Flag | Results | Unit | Reference Value | |
| Angiotensin Converting Enzyme, S | L | <5 | U/L | REPORTED 07/17/2012 12:27 8 - 53 | |

New report without box:

| MAYO CLINIC Mayo Medical Laboratories | | Laboratory Service Report | | 1-800-533-1710 | |
|--|---------------------------|---|--------------------------|------------------------------|--|
| Patient Name FLAGGING,TEST | Patient ID 5599 | Age 11 | Gender M | Order # Q100011462 | |
| Ordering Phys WHO,DOCTOR | | | DOB 01/01/2001 | | |
| Client Order # AC08151438 | | Account Information | | Report Notes | |
| Collected 08/14/2012 07:00 | | SQA Manual Account 100 Superior Drive 41st Street NE Rochester, MN 55906 | | | |
| Printed 08/15/2012 14:44 | | | | | |
| Test | Flag | Results | Unit | Reference Value | |
| Angiotensin Converting Enzyme, S -- REFERENCE VALUE -- The reference interval for pediatric patients may be up to 50% higher than that of adults (8-53 U/L). | L | <5 | U/L | REPORTED 08/15/2012 14:42 | |

Cancel Test

Based on feedback from our clients we have modified the cancel test behavior in MayoAccess to prevent accidental order deletion. Currently when a user wants to cancel all tests on an order, they have to delete the order when the order has not been batched and cancel tests when the order has been batched. The system will now be configured to only allow one way to cancel tests. The users will need to click the **Cancel Tests** link to cancel a test(s). A user will no longer be able to delete the order if an order has been received by the analytical laboratory. This change is necessary to ensure results can file back to the order.

Example of old format:

The screenshot displays the MayoAccess Order Search interface. At the top, there are navigation tabs: Patients, Orders, Results, User, Master Files, System, Help, Batch Orders, Previous, and Log Out. Below these, a patient information box shows: Patient: SAMPLEREPORT, DOB-Age: 05/25/1966 - 46 Y, ID: SA00007733, Prim. Phys: SSN: Gender: Male.

The main section is titled "Order Search" and includes a "Search Criteria" tab. Below this is a table with columns: Collected, Order, Order Status, Name, ID, Acct, Phys, Type, and several empty columns. The table lists various orders, including one with ID SA00007733 and another with ID SA00007590. At the bottom of the interface, there is a toolbar with buttons: Order, Edit Order, Delete Order, Report, and Batch Information. A "Cancel Tests" button is also visible, highlighted with a blue arrow. Another blue arrow points to the "Order" button.

| Collected | Order | Order Status | Name | ID | Acct | Phys | Type | | | |
|-----------|------------|--------------------|-----------------------|------------|-------|---------------|---------|--|--|--|
| 08/13/12 | SA00007733 | Final | SAMPLEREPORT,FRCBP | SA00007733 | C7028 | | Account | | | |
| 08/13/12 | SA00007732 | Final | SAMPLEREPORT,FRCBP | SA00007732 | C7028 | | Account | | | |
| 08/13/12 | SA00007720 | Partially Complete | SAMPLEREPORT,FRCBP | SA00007720 | C7028 | | Account | | | |
| 08/10/12 | 121212 | Final | TESTING,JUDY | 1111 | C7028 | CLIENT,CLIENT | Account | | | |
| 08/08/12 | SA00007656 | Final | SAMPLEREPORT,FADA | SA00007656 | C7028 | | Account | | | |
| 08/07/12 | SA00007627 | Final | REYES,JARED | SA00007627 | C7028 | | Account | | | |
| 08/07/12 | SA00007625 | Final | BURKE,ELAINE | SA00007625 | C7028 | | Account | | | |
| 08/07/12 | SA00007624 | Final | MCBRIDE,KEVIN | SA00007624 | C7028 | | Account | | | |
| 08/08/12 | SA00007620 | Final | TESTINGRNV,CCRYR_RISA | SA00007620 | C7028 | | Account | | | |
| 08/08/12 | SA00007619 | Final | TESTINGRNV,CCRYR_AISA | SA00007619 | C7028 | | Account | | | |
| 08/08/12 | SA00007618 | Final | TESTINGRNV,BRAFM | SA00007618 | C7028 | | Account | | | |
| 08/08/12 | SA00007617 | Final | TESTINGRNV,CCRYR_NISA | SA00007617 | C7028 | | Account | | | |
| 08/08/12 | SA00007613 | Final | TESTINGRNV,SCRYR_RISA | SA00007613 | C7028 | | Account | | | |
| 08/08/12 | SA00007612 | Final | TESTINGRNV,SCRYR_AISA | SA00007612 | C7028 | | Account | | | |
| 08/08/12 | SA00007611 | Final | TESTINGRNV,SCRYR_NISA | SA00007611 | C7028 | | Account | | | |
| 08/06/12 | SA00007591 | Final | SAMPLEREPORT,REVERSE | SA00007591 | C7028 | | Account | | | |
| 08/07/12 | SA00007590 | Final | SAMPLEREPORT,REVERSE | SA00007590 | C7028 | | Account | | | |

Example of new format:

Patients Orders Results User Master Files System Help Batch Orders Previous

Order Search

Patient: FLAGGING,TEST DOB-Age: 01/01/2001 - 11 Y ID: 5599
 Prim. Phys: SSN: Gender: Male

Orders Search Criteria

ABN Printed/Signed P/S Callback CB Faxback FB Stat Or

| Collected | Order | Order Status | Name | ID | Acct | Phys | Type |
|-----------|------------|-----------------|---------------------|------------|-------|---------------|---------|
| 08/14/12 | AC08151438 | Final | FLAGGING,TEST | 5599 | C7234 | WHO,DOCTOR | Account |
| 08/15/12 | Q100011407 | Final | FLAGGING,TEST | 5599 | C7234 | TESITNG,FLAGS | Account |
| 08/14/12 | AC08140922 | Final | FLAGGING,TEST | 5599 | C7234 | WHO,DOCTOR | Account |
| 08/14/12 | SA00048478 | Received By Lab | CLARK,PRISCILLA | SA00048478 | C7234 | | Account |
| 08/14/12 | SA00048477 | Received By Lab | CLARK,PETULA | SA00048477 | C7234 | | Account |
| 08/14/12 | SA00048476 | Received By Lab | WOODS,TIGER | SA00048476 | C7234 | | Account |
| 08/13/12 | SA00048453 | Received By Lab | ANDERSEN,TESTPATIEN | SA00048453 | C7234 | | Account |
| 08/13/12 | SA00048452 | Received By Lab | ONDERSEN,TESTPATIEN | SA00048452 | C7234 | | Account |
| 08/13/12 | SA00048441 | Received By Lab | CLARK,P | SA00048441 | C7234 | | Account |
| 08/13/12 | SA00048417 | Received By Lab | PSCHULTZ,TESTING AG | 02021960 | C7234 | | Account |
| 08/13/12 | SA00048414 | Received By Lab | PETERSON,JANE MARIE | SA00048414 | C7234 | | Account |
| 08/10/12 | SA00048401 | Received By Lab | SCHULTZ,PAMELA K | 22222222 | C7234 | | Account |
| 08/10/12 | SA00048386 | Received By Lab | PETERSON,JANE MARIE | SA00048386 | C7234 | | Account |
| 08/10/12 | SA00048377 | Received By Lab | PETERSON,JANE | SA00048377 | C7234 | | Account |
| 08/10/12 | SA00048366 | Received By Lab | PETERSON,BOB | SA00048366 | C7234 | | Account |
| 08/10/12 | SA00048365 | Received By Lab | PATERSON,BOB | SA00048365 | C7234 | | Account |
| 08/10/12 | SA00048364 | Received By Lab | JAPIGSKI,BUBBA | SA00048364 | C7234 | | Account |

Order Edit Order Cancel Tests

Search Results Pending Tests

Delete Order option removed. Use Cancel Test instead

Tests Issues

Tests for Selected Order #AC08151438

Faxback Enhancements

The Faxback Settings dialogue will allow Faxbacks to multiple numbers. Users should click on the **New Fax Number** link to continue to add additional Fax Numbers for the order. The initial field values are defaulted to the values defined for the account.

The screenshot shows a web application window titled "MayoAccess - Test Site" with a sub-header "Faxback Settings for Order# SA00048524". It contains a table of existing fax numbers and a form for adding a new one.

| Fax Number | To | Cover Sheet |
|---------------|--------|-------------|
| (507)284-2118 | Lab | Yes |
| 111-2222 | CoPath | Yes |

Below the table, there is a form with the following fields and controls:

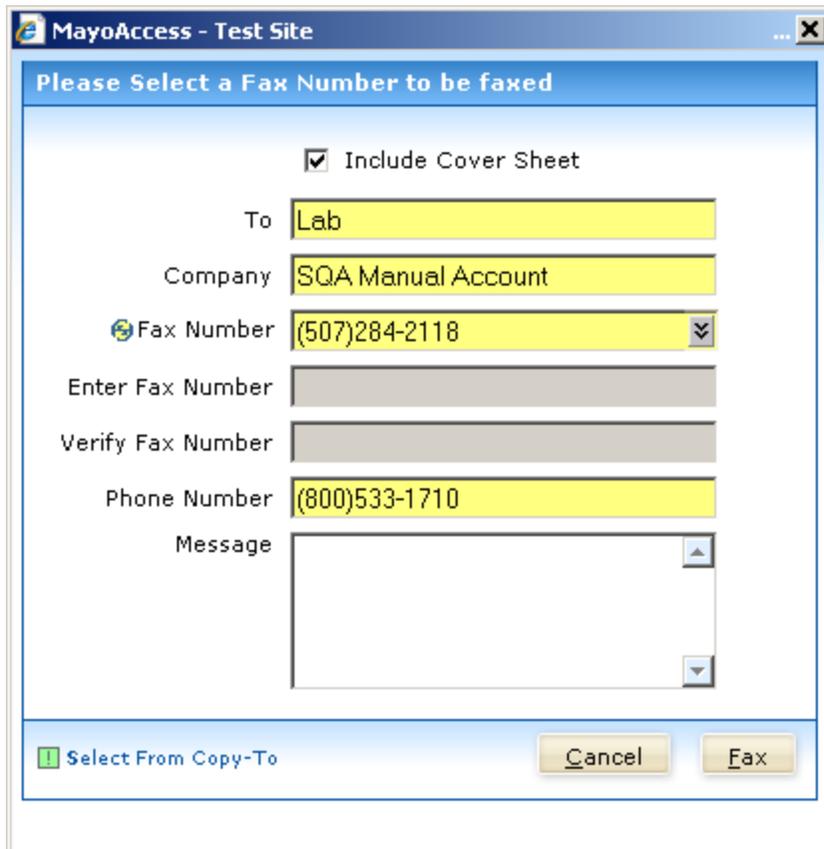
- Include Cover Sheet
- To: Lab
- Company: SQA Manual Account
- Fax Number: (507)284-2118
- Re-Enter Fax: (507)284-2118
- Phone Number: (800)533-1710
- Message: (empty text area)
- Buttons: Save Fax Number, **New Fax Number** (highlighted with a red box), Delete Fax Number
- Close button at the bottom right.

Note: On the **Set Faxback** dialogue, users will not be able to add a new faxback if the associated order has a status of "Final" or "Cancelled". Users will be able to remove faxbacks that were set prior to the order becoming "Final" or "Cancelled".

Fax Number prompt

As shown on the screen shot below, all Fax Number prompts throughout the application are changing to include the following fields:

- **Include Cover Sheet** check box will be checked as the default.
- **Company** field will default to the account name defined in MayoAccess.
- **Phone Number** field will default to the phone number defined on the account in MayoAccess.
- **Message** will default to blank.



The screenshot shows a window titled "MayoAccess - Test Site" with a dialog box titled "Please Select a Fax Number to be faxed". The dialog box contains the following fields and controls:

- Include Cover Sheet
- To: Lab
- Company: SQA Manual Account
- Fax Number: (507)284-2118
- Enter Fax Number: (empty field)
- Verify Fax Number: (empty field)
- Phone Number: (800)533-1710
- Message: (empty text area)

At the bottom of the dialog box, there is a "Select From Copy-To" button and "Cancel" and "Fax" buttons.

Note: The fields above will also be included on the coversheet when the coversheet is sent.

Search Criteria on Lab Report and Order Search

Resulted Date Range and **Resulted Time Range** has been added on the **Search Criteria** tab of the **Lab Reports** page and the **Order Search** page. The **Resulted Time Range** field is only enabled when the Resulted Date Range is filled in for the same day, as shown below. **Result(ed) Date** is now a sort option.

Example from Order Search:

The screenshot displays the MayoAccess Order Search interface. At the top, the patient information is shown: Patient: FLAGGING,TEST; DOB-Age: 01/01/2001 - 11 Y; ID: 5599; Prim. Phys: SSN: ; Gender: Male. The interface includes a navigation menu with options like Patients, Orders, Results, User, Master Files, System, Help, Batch Orders, Previous, and Log Out. The main section is titled "Order Search" and contains a "Search Criteria" tab. A "Query" field is present, along with "Save As", "Save", and "Delete" buttons. The "Primary Sort" dropdown is open, showing options: Created Date, Coll'd Date/Time, Accon #, Order #, NPI, and Resulted Date. The "Secondary Sort" is set to "Created Date". Search buttons "Search", "Clear", and "Reset" are available. The search criteria form includes fields for Location (SQA Manual Account), Ordering Physician, Status, Billing Type, Order #, Accon #, Source, Issue ID, Contains Test, Deleted (No), Created Date Range, Scheduled Date Range, Collected Date Range, Resulted Date Range (08/16/2012 To 08/16/2012), Resulted Time Range (07:00 To 08:00), and Edited Date Range. A "Patient QuickLinks" sidebar on the right offers links for Lab Reports, Order History, Demographics, New Order, and Results History. Below the search criteria, there is a "Tests" section with a table of results for order #AC08151438.

| Test Code | Test Name | Test Status | ICD-9 Codes | Passed LCD/NCD | Lab |
|-----------|--|---------------|-------------|----------------|----------------------|
| ACE | Angiotensin Converting Enzyme, S Final | Not Performed | | Not Performed | Mayo Medical Laborat |

At the bottom right, there are links for "Test Add-On Request", "Order Supplies", "LINK TO OUR WEBSITE", "MayoMedicalLaboratories.com", "Patient Information Forms", and "Online Training".

Example from Lab Reports:

MayoAccess - Test Site - Lab Reports - Windows Internet Explorer

MAYO CLINIC
Mayo Medical Laboratories

MayoAccess™

Patients Orders Results User Master Files System Help Batch Orders Previous Log Out

Patient: FLAGGING, TEST DOB-Age: 01/01/2001 - 11 Y ID: 5599
Prim. Phys: SSN: Gender: Male

Lab Reports

Lab Reports Search Criteria

Patient: [Dropdown] Ordering Physician: [Dropdown]

Ordering Location: SQA Manual Account Contains Unsolicited Test: [Dropdown]

Reported Date Range: 06/27/2012 To 08/16/2012

Resulted Date Range: 08/14/2012 To 08/14/2012

Resulted Time Range: 08:00 To 09:00

Order #: [Text Box] Accession #: [Text Box]

Report Status: All

Source: [Dropdown]

Ordering Account: [Dropdown]

Only Display: Unread by Me New (no one has read) Abnormal Finalized

Reports Containing: Test Not Performed Cancelled test Updated result

Sort Reports By: Result Date
Patient
Report Date
Result Date

Search Clear

Save Search Criteria ...

Tests Issues

Tests for Selected Order # AC08151438

| Test Code | Test Name | Test Status | ICD-9 Codes | Passed LCD/NCD | Lab |
|-----------|--|-------------|-------------|----------------|----------------------|
| ACE | Angiotensin Converting Enzyme, S Final | Final | | Not Performed | Mayo Medical Laborat |

Open Test Catalog View Test Details Historical Test Catalog

Patient QuickLinks

- Lab Reports
- Order History
- Demographics
- New Order
- Results History

Show More Links

Patient Search

Order Search

Lab Report Search

Test Catalog

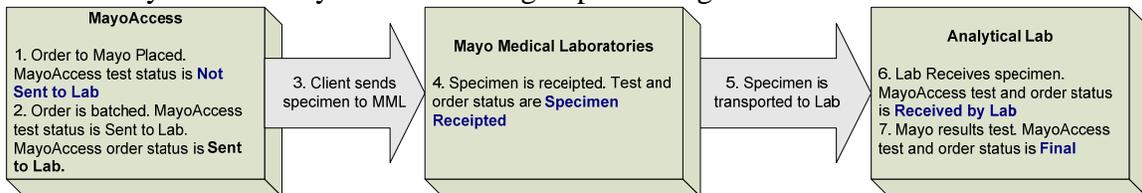
Batch Processing

Test Add-On Request
Order Supplies
LINK TO OUR WEBSITE
MayoMedicalLaboratories.com
Patient Information Forms
Online Training

Specimen Received Order Status

Previously the order status moved immediately to Received by Lab when the specimen was received by Mayo Medical Laboratories. When an order has a test that has been received at Mayo Medical Laboratories but, has not yet been processed by the analytical laboratory the order status will be Specimen Received. The Received by Lab order status will only appear when one or more of the tests on the order have been processed by the analytical laboratory.

Specimen Received = Mayo Medical Laboratories has received a specimen on the order.
Received by Lab = Analytical lab has begun processing.



If you have any questions, please contact us at 800-533-1710.

Thank you,
Andrew Carlson
System Manager, MayoAccess Application Support
Mayo Medical Laboratories