

# BLIS-Kenya v2.5

## Training Manual

A joint initiative of C4G @ Georgia Tech, the CDC, @iLabAfrica - Strathmore University , Association of Public Health Laboratories (APHL) and participating countries



## Table of Contents

Starting BLIS	3
Patient Registration	4
Sample Collection	5
Receive Request	5
Accepting a Specimen	5
Rejecting a Specimen	6
Testing	7
Starting a Test	7
Entering Test Results	7
Editing Test Results	7
Results Verification	8
Full Haemogram Test on celltac F machine	9
Culture and sensitivity test	11
Viewing Results	12
Viewing Specimen Details	13
Patient Report	15
External Quality Assurance (EQA)	16



## Starting BLIS

To start the Basic Laboratory Information System, you must click on the bookmark saved on the web browser e.g. Google Chrome or Mozilla Firefox. You will then see a page requesting login information. You must then enter your credentials to proceed.



### Bungoma District Hospital Laboratory

---

[i User Guide](#) | [💬 Comments?](#)

C4G BLIS v2.5 - A joint initiative of C4G @ Georgia  
Tech, the CDC, @iLabAfrica, APHL and participating  
countries

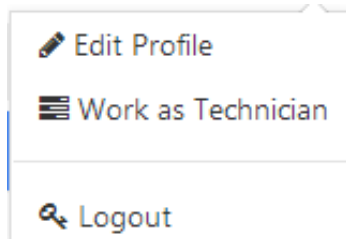
If you have forgotten your password, kindly contact the lab-in-charge for help



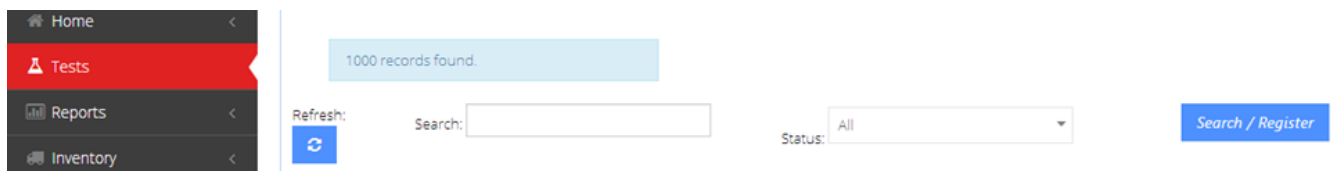
## Patient Registration

To register a patient, login as an administrator

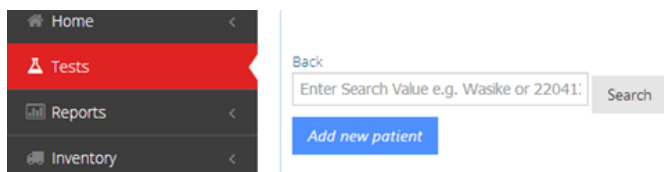
On the top right of the screen click your username (superadmin in this case) and click Work as Technician from the drop down



Click Tests on the side bar menu and click Search/Register



Click Add new patient



Enter the Patient Name, Gender and either Date of Birth or Age

Add new patients ×

Registration Number \*

Patient Name \*

Gender \*

☒ Male

☐ Female

Date of Birth

Age

Years ▼

Submit

Cancel

Click **Submit**



## Sample Collection


### Receive Request

If you don't see the request among the listed, SEARCH for the patient using the PATIENT NUMBER or the PATIENT NAME as captured below. Press 'Enter' after giving the search value

Refresh:  Search:  Status:

Specimen ID	Date Ordered	Patient No	Visit No	Patient Name	Specimen Type	Test	Order Stage	Status
	2014-03-14 10:58:57	257054	496716	Reyna Tessman (F 44)		BS for mps	In-patient	Not Recieved <a href="#">Receive request</a>


Receive the request using the 'Receive request' button on the far right of the row to get the following display


 Specimen Registration | Lab No: 20140523-9 ×

Tests Requested	Requesting Clinician	Date Requested
BS for mps	Emelina Davisson	2014-03-14 10:58:57

Specimen Type \*

Tests \*

Lab Receipt Date \*  

Lab receipt time \*  

Physician

\* Mandatory Field

[Submit](#) [Cancel](#)

Patient details

<u>Registration Number</u>	971
<u>Name</u>	Felix Watson
<u>Gender</u>	F
<u>Age</u>	44 Years
<u>Date of Birth</u>	07-12-1969

After submitting the details using 'Submit' button, the following will appear to confirm successful submission

Specimen ID	Date Ordered	Patient No	Visit No	Patient Name	Specimen Type	Test	Order Stage	Status
	2014-03-14 10:58:57	257054	496716	Reyna Tessman (F 44)		BS for mps	In-patient	Not Collected <a href="#">Accept</a> <a href="#">View Details</a>

### Accepting a Specimen

Once you have received the request, you'll need to check the specimen for acceptance.

Specimen ID	Date Ordered	Patient No	Visit No	Patient Name	Specimen Type	Test	Order Stage	Status
	2014-03-14 10:58:57	257054	496716	Reyna Tessman (F 44)		BS for mps	In-patient	Not Collected <a href="#">Accept</a> <a href="#">View Details</a>



If acceptable, click the **Accept** button to be directed to the following page.

Specimen ID	Date Ordered	Patient No	Visit No	Patient Name	Specimen Type	Test	Order Stage	Status	
	2014-03-14 10:58:57	257054	496716	Reyna Tessman (F 44)		BS for mps	In-patient	Pending	<a href="#">Start Test</a> <a href="#">View Details</a>

You'll get the specimen number in the format: PAR-0001. PAR identifies the laboratory section the specimen shall be worked on and 0001 represent the actual specimen identifier. Label the specimen with that specimen number provided. Sort the specimens ready for dispatch to the sections.

## Rejecting a Specimen

A specimen may fall short of the standards required for a test, might be unlabeled, insufficient or due to other reasons. If so, search for the specimen and on the corresponding row of the specimen, press the **Reject** button.

Specimen ID	Date Ordered	Patient No	Visit No	Patient Name	Specimen Type	Test	Order Stage	Status	
CLI-1336		257054	487335	Felix Watson (F 44)	Whole Blood	Blood sugar	Out-patient	Not Collected	<a href="#">Accept</a> <a href="#">Reject</a> <a href="#">View Details</a>

Fill in the form appropriately and submit it using the **submit** button

## Specimen Rejection Form

[Page Help](#)

Specimen Rejection | Lab No. 20140523-11 | [Cancel](#)

Patient ID	971
Patient Number	20140523-10
Patient Name	Felix Watson (F 44)
Specimen Type	Whole Blood
Tests	Blood sugar
Reasons for Rejection	<input type="text"/>
Person Talked To	<input type="text"/>

[Submit](#)[Back](#)

You have successfully rejected the specimen as captured below.

Specimen ID	Date Ordered	Patient No	Visit No	Patient Name	Specimen Type	Test	Order Stage	Status	
CLI-1342	2014-05-26 13:45:15	257054	487335	Felix Watson (F 44)	Whole Blood	Blood sugar	Out-patient	Rejected	<a href="#">View Details</a> <a href="#">Print Report</a>



## Testing

### Starting a Test

Search for the patient, test or specimen OR filter using the dropdown under **Status** select box for **Pending**.

Specimen ID	Date Ordered	Patient No	Visit No	Patient Name	Specimen Type	Test	Order Stage	Status	
PAR-1335	2014-05-23 16:04:34	257054	496716	Felix Watson (F 44)	Whole Blood	BS for mps	In-patient	Pending	<a href="#">Start Test</a> <a href="#">View Details</a>

Click on the **Start test** button

The status will change to **Started** as captured

Specimen ID	Date Ordered	Patient No	Visit No	Patient Name	Specimen Type	Test	Order Stage	Status	
PAR-1335	2014-05-23 16:04:34	257054	496716	Felix Watson (F 44)	Whole Blood	BS for mps	In-patient	Started	<a href="#">Enter Results</a> <a href="#">View Details</a>

Proceed to perform the test

### Entering Test Results

Once through with the tests and results are out, Search the patient or specimen. Go to the corresponding row and click on **Enter results** A pop-up form will be provided to be filled in appropriately.

[Results form - BS for mps](#)

BS for mps:

Result Interpretation

Summary

Specimen details

Type

Whole Blood

Specimen Number

PAR-1335

Patient details

Patient details

Felix Watson (F 44 Years)

Visit number

496716

Lab Receipt Date

23-05-2014

Tests

BS for mps

Physician

Emelina Davisson

Previous tests

Type	Lab Receipt Date	Status	
BS for mps	23-05-2014	Results Pending	<a href="#">Details</a>
Blood sugar	23-05-2014	Not Collected	<a href="#">Details</a>

[Send to Sanitas](#)

[Cancel](#)

Once done, submit the results using the **Submit** button to get the following confirmation

Specimen ID	Date Ordered	Patient No	Visit No	Patient Name	Specimen Type	Test	Order Stage	Status	
PAR-1335	2014-05-23 16:04:34	257054	496716	Felix Watson (F 44)	Whole Blood	BS for mps	In-patient	Tested	<a href="#">Edit</a> <a href="#">Verify</a> <a href="#">View Details</a>

### Editing Test Results

Search for the patient, test or specimen OR simply filter using the dropdown under **Status** select box for **Tested**.



Refresh: Search:  Status:

Specimen ID	Date Ordered	Patient No	Visit No	Patient Name	Specimen Type	Test	Order Stage	Status	
CLI-1336	2014-05-26 09:15:06	257054	487335	Felix Watson (F 44)	Whole Blood	Blood sugar	Out-patient	Tested	<a href="#">Edit</a> <a href="#">Verify</a> <a href="#">View Details</a>

On the corresponding row, click on **Edit** to open a pop-up form with pre-filled data

Update the results as appropriate and save the changes by using the **submit** button.

Results form - BS for mps

BS for mps:

Result Interpretation

**Summary**

**Specimen details**

Type	Whole Blood
Specimen Number	PAR-1335
Patient details	Felix Watson (F 44 Years)
Visit number	496716
Lab Receipt Date	23-05-2014
Tests	BS for mps
Physician	Emelina Davisson

**Previous tests**

Type	Lab Receipt Date	Status	
BS for mps	23-05-2014	Completed	<a href="#">Details</a>
Blood sugar	23-05-2014	Not Collected	<a href="#">Details</a>

**Test results**

Test Name	Results	Remarks	Entered by
BS for mps	Positive	-	antony

[Send to Sanitas](#) [Cancel](#)

## Results Verification

### USER ACTIVATION BY THE SYSTEM ADMINISTRATOR

On the side menu Click Lab Configuration and under it Click User Accounts

Lab Configuration

- Tests
- Abbreviations
- Search
- Reports
- Barcode Settings
- User Accounts

[+ Add New Account](#) [Import from HMIS/EMR](#)

#	Username	Type	
1.	adolfo	Lab Technologist	<a href="#">Recent Activity</a> <a href="#">Edit</a> <a href="#">Delete</a>
2.	afton	Lab Technologist	<a href="#">Recent Activity</a> <a href="#">Edit</a> <a href="#">Delete</a>
3.	agripina	Lab Technologist	<a href="#">Recent Activity</a> <a href="#">Edit</a> <a href="#">Delete</a>
4.	alec	Lab Technologist	<a href="#">Recent Activity</a> <a href="#">Edit</a> <a href="#">Delete</a>
5.	alejandra	Lab Technologist	<a href="#">Recent Activity</a> <a href="#">Edit</a> <a href="#">Delete</a>

Click Edit on the row corresponding to the user you want activate





Can verify results? ☐  
Display Name at Results Entry? ☐ Yes  
Reset Password

**Submit**

Cancel

Click the check box corresponding to Can verify results? and Submit

## LAB TECHNICIAN'S GUIDE

Specific heads of lab sections are assigned results verification privileges.

Refresh: Search:  Status:

Specimen ID	Date Ordered	Patient No	Visit No	Patient Name	Specimen Type	Test	Order Stage	Status	
CLI-1336	2014-05-26 09:15:06	257054	487335	Felix Watson (F 44)	Whole Blood	Blood sugar	Out-patient	Tested	Edit  Verify  View Details

To verify results, press the **Verify** button and the following pop-up will be displayed

Press the **Verify result** button to verify

✎ Test Result: Blood sugar ×

Results

Test Name	Results	Remarks	Entered by	Specimen TT	Test TT	Verified by
Blood sugar	Normal	-	jerome	0 d 00 hrs 00 min	0 d 00 hrs 00 min	Verification Pending  Verify result

Close

The name of the one who has verified will be displayed under 'Verified by'

Blood sugar	Normal	-	jerome	0 d 00 hrs 00 min	0 d 00 hrs 00 min	antony  Verify result
-------------	--------	---	--------	-------------------	-------------------	-----------------------

Close to see the verified status

CLI-1336	2014-05-26	257054	487335	Felix Watson (F 44)	Whole Blood	Blood sugar	Out-patient	Verified  View Results  View Details
----------	------------	--------	--------	---------------------	-------------	-------------	-------------	--------------------------------------

## Full Haemogram Test on celltac F machine

Search for the visit number or (patient number or patient name)

Click start test an perform the test

On the celltac F machine; press Print Results button to send the results from the Celltac F machine to the computer



On the computer;

Specimen ID	Date Ordered	Patient No	Visit No	Patient Name	Specimen Type	Test	Order Stage	Status	
MIC-1347	2014-05-28 12:18:50	259419	495860	Augustine Mcklamery (F 58)	High Vaginal Swab	HVS for culture and sensitivity	In-patient	Started	<a href="#">Enter Results</a> <a href="#">View Details</a>

Click Enter results to get the results entry pop-up

To enter results sent from the celltac F machine, Click Read results button

Results form - Full Haemogram

Read results

WBC:  
  
(4.0-9.0) x10<sup>9</sup>/μL

Neu#:  
  
(42.0-85.0)

Lym#:  
  
(11.0-49.0)

Summary

Specimen details

TypeWhole Blood

Specimen NumberHAE-1346

Patient detailsChristopher Brown (M 40 Years)

Visit number496709

Lab Receipt Date28-05-2014

The results will be loaded as shown

Results form - Full Haemogram

Read results

WBC:  
  
(4.0-9.0) x10<sup>9</sup>/μL

Neu#:  
  
(42.0-85.0)

Lym#:  
  
(11.0-49.0)

Summary

Specimen details

TypeWhole Blood

Specimen NumberHAE-1346

Patient detailsChristopher Brown (M 40 Years)

Visit number496709

Lab Receipt Date28-05-2014

Scroll to the bottom of the pop-up and Click Send to Sanitas button to submit the results

Result Interpretation

[Send to Sanitas](#)[Cancel](#)



## Culture and sensitivity test

### LAB CONFIGURATION SET UP BY THE SYSTEM ADMINISTRATOR

On the side menu Click Test catalog and under it Click Test Types

Test Catalog		10 records per page	Search:	
Lab Sections	Test Types	Specimen Types	Drug Types	
#	Test	Lab Section	Action(s)	
1.	ALAT	BIOCHEMISTRY	<a href="#">Edit</a>	<a href="#">Delete</a>
2.	Albumin	SEROLOGY	<a href="#">Edit</a>	<a href="#">Delete</a>
3.	Alkaline Phosphate	BIOCHEMISTRY	<a href="#">Edit</a>	<a href="#">Delete</a>

Search for the test name (in this case; HVS for culture and sensitivity) by typing all or part of it and press Enter

10

▼

records per page

Search:

HVS for culture and sensitivity

#	⬆️Test	⬆️Lab Section	⬆️Action(s)	⬆️
51.	HVS for culture and sensitivity	MICROBIOLOGY	<div>✎ Edit</div>	<div>✖ Delete</div>

Click Edit and scroll down to **Show culture worksheet** Option

Show culture worksheet?	<input type="checkbox"/>
Cost to Patient	0 / 0 Ksh
<input type="button" value="Submit"/> <input type="button" value="Cancel"/>	

Check the **Show culture worksheet** Box to load the drugs and check appropriately

Show culture worksheet?	<input checked="" type="checkbox"/>
Compatible Drugs * [7]	<input checked="" type="checkbox"/> AMPICILLIN <input checked="" type="checkbox"/> PENICILLIN
Cost to Patient	0 / 0 Ksh
<input type="button" value="Submit"/> <input type="button" value="Cancel"/>	

Click submit to save

### LAB TECHNICIAN'S GUIDE

Search for the visit number or (patient number, patient name or test)

Refresh:  Status:

Specimen ID	Date Ordered	Patient No	Visit No	Patient Name	Specimen Type	Test	Order Stage	Status	
MIC-1347	2014-05-28 12:18:50	259419	495860	Augustine Mcglamery (F 58)	High Vaginal Swab	HVS for culture and sensitivity	In-patient	Pending	<div><div>✓ Start Test</div><div>✗ Reject</div></div> <div>View Details</div>

Click start test and start performing the test



Specimen ID	Date Ordered	Patient No	Visit No	Patient Name	Specimen Type	Test	Order Stage	Status		
MIC-1347	2014-05-28 12:18:50	259419	495860	Augustine Mcglamery (F 58)	High Vaginal Swab	HVS for culture and sensitivity	In-patient	Started	<a href="#">Enter Results</a>	<a href="#">View Details</a>

Click Enter Results to open the results entry form

For the Observations and work-up; add the observation and click save on the right of the entry to save it

Date	Initials	Observations and work-up	Action
just now	arthur	moderate candida	
Just now	arthur	<div></div>	<a href="#">Save</a>

Enter other values available at the time and (scroll down to see) click Send to Sanitas to save the whole form

[Send to Sanitas](#) [Cancel](#)

After which you will see the status of tested for that entry

Specimen ID	Date Ordered	Patient No	Visit No	Patient Name	Specimen Type	Test	Order Stage	Status		
MIC-1347	2014-05-28 12:18:50	259419	495860	Augustine Mcglamery (F 58)	High Vaginal Swab	HVS for culture and sensitivity	In-patient	Tested	<a href="#">Edit</a> <a href="#">Verify</a>	<a href="#">View Details</a>

To enter additional observations and values click Edit, and after changing and/or entering new values, click Send to Sanitas to save

## Viewing Results

To view test results, search for the verified test results



BLIS v2.5 - Kenya

Search

Home

Tests

Reports

Inventory

Tests

Test Queue - All Sections

31 records found.

Refresh: Search: Status: Tested & Verified

Specimen ID	Time Collected	Patient ID	Visit No	Patient Name	Specimen Type	Test	Order Stage	Status		
PAR-6		224881		CATHERINE MIHESO LUCIA (F 14)	Whole Blood	BS for mps	In-patient	Verified	View Results	View Details
HEM-6		224881		CATHERINE MIHESO LUCIA (F 14)	Whole Blood	Full Haemogram	In-patient	Verified	View Results	View Details
PAR-2		224875		LILIAN NANJALA (F 18)	Whole Blood	BS for mps	In-patient	Verified	View Results	View Details
PAR-1		224783		test ttttt (F 4)	Whole Blood	BS for mps	Out-patient	Verified	View Results	View Details
PAR-17		225045		TOPISTA SITUMA NGUTUKU (F 49)	Whole Blood	BS for mps	In-patient	Verified	View Results	View Details
PAR-16		225135		DORICUS NALIKA MASABULE (F 18)	Whole Blood	BS for mps	In-patient	Verified	View Results	View Details
PAR-15		169450		MARY DOREEN KARENDA (F 9)	Whole Blood	BS for mps	In-patient	Verified	View Results	View Details
SER-12		122327		CAROLINE NAFULA BARASA (F 27)	Serum	VDRL	In-patient	Verified	View Results	View Details
CLI-114	2013-11-01 14:28:11	20348		Jescah Maelo (F 61)	Urine	Blood sugar	In-patient	Verified	View Results	View Details
CLI-112	2013-11-01 15:30:49	225434		WINROSE NABWILE NAMUNJU (F 16)	Urine	Urinalysis	In-patient	Verified	View Results	View Details

Previous 1 2 3 4 Next

You will see a **View results** button. Click on the button and a form containing the results of the test shall pop-up

BLIS v2.5 - Kenya

Search

Home

Tests

Reports

Inventory

Tests

Test Queue - All Sections

31 records found.

Refresh: Search: Status: Tested & Verified

Test Result: BS for mps

Results

Test Name	Results	Remarks	Entered by	Specimen TT	Test TT	Verified by
BS for mps	Negative	NO MPS SEEN	beatrice	0 d 00 hrs 00 min	0 d 00 hrs 00 min	nyongesa

Close

Specimen ID	Time Collected	Patient ID	Visit No	Patient Name	Specimen Type	Test	Order Stage	Status		
PAR-6		224881		CATHERINE MIHESO LUCIA (F 14)	Whole Blood	BS for mps	In-patient	Verified	View Results	View Details
HEM-6		224881		CATHERINE MIHESO LUCIA (F 14)	Whole Blood	Full Haemogram	In-patient	Verified	View Results	View Details
PAR-2		224875		LILIAN NANJALA (F 18)	Whole Blood	BS for mps	In-patient	Verified	View Results	View Details
PAR-1		224783		test ttttt (F 4)	Whole Blood	BS for mps	Out-patient	Verified	View Results	View Details
PAR-17		225045		TOPISTA SITUMA NGUTUKU (F 49)	Whole Blood	BS for mps	In-patient	Verified	View Results	View Details
PAR-16		225135		DORICUS NALIKA MASABULE (F 18)	Whole Blood	BS for mps	In-patient	Verified	View Results	View Details
PAR-15		169450		MARY DOREEN KARENDA (F 9)	Whole Blood	BS for mps	In-patient	Verified	View Results	View Details
SER-12		122327		CAROLINE NAFULA BARASA (F 27)	Serum	VDRL	In-patient	Verified	View Results	View Details
CLI-114	2013-11-01 14:28:11	20348		Jescah Maelo (F 61)	Urine	Blood sugar	In-patient	Verified	View Results	View Details
CLI-112	2013-11-01 15:30:49	225434		WINROSE NABWILE NAMUNJU (F 16)	Urine	Urinalysis	In-patient	Verified	View Results	View Details

Previous 1 2 3 4 Next

Close the pop-up when done to continue navigating the system.

## Viewing Specimen Details

Search for the specimen, patient or test. On the corresponding row, click on the **View details** on the far right column of the table. Details of the specimen shall be presented in a pop-up form.



BLIS v2.5 - Kenya

antony

Search

Home

Tests

Reports

Inventory

Tests

Test Queue - All Sections

31 records found.

Refresh: Search:

Specimen ID	Time Collected	Patient
PAR-6		224881
HEM-6		224881
PAR-2		224875
PAR-1		224783
PAR-17		225045
PAR-16		225135
PAR-15		169450
SER-12		122927
CLU-114	2013-11-01 14:28:11	20348
CLU-112	2013-11-01 15:30:49	225434

Specimen Details

Type

Whole Blood

Get Report

Track Actions

Specimen Number

PAR-2

Lab No.

20131030-12

Patient

LILIAN NANJALA (F 18 Years) Profile

Lab Receipt Date

30-10-2013

Registered By

wasike

Tests

BS for mps

Physician

wilson ogucha

Registered Tests

Test	Results	Remarks	Entered By	Verified By	Turnaround time
BS for mps	Negative	no mps seen	nyongesa	0 d 00 hrs 00 min	0 d 00 hrs 00 min

Close

Order Stage

Status

In-patient	Verified	View Results	View Details
In-patient	Verified	View Results	View Details
In-patient	Verified	View Results	View Details
Out-patient	Verified	View Results	View Details
In-patient	Verified	View Results	View Details
In-patient	Verified	View Results	View Details
In-patient	Verified	View Results	View Details
In-patient	Verified	View Results	View Details
In-patient	Verified	View Results	View Details
In-patient	Verified	View Results	View Details

Previous 1 2 3 4 Next



## Patient Report

On the pop-up form presented when viewing details, there is **Get Report** link. Click on that link to open a printable report on a new browser tab

From  -  -   
(dd-mm-yyyy)

To  -  -   
(dd-mm-yyyy)

☒ Portrait ☐ Landscape ☐ Include Pending Tests ☐ Include Range Visualization

Font



BUNGOMA DISTRICT HOSPITAL LABORATORY  
BUNGOMA TOWN, HOSPITAL ROAD  
OPPOSITE POLICE LINE/DISTRICT  
HEADQUARTERS  
P.O. BOX 14,  
BUNGOMA TOWN.  
Phone: +254 055-30401 Ext 203/208



### LABORATORY REPORT

Date: 14-02-2014

Patient Name	Illian kisuya10/5/19	Patient Sex	F
Patient Number(Sanitas)	242003	Patient Age	31 Years
Lab Number [Serial No.]	436 [20140212-1]	Requesting Department/Facility	Bungoma District Hospital

Specimens Not Found

Authorized by: Antony Sangolo  
(Technical Supervisor)

Reviewed by: Joan Wasike  
(Lab-in-charge)

Form No. BDHL-QUA-017F3

Version 1

Proceed to print the report if you so wish for a hard copy of the same.



## External Quality Assurance (EQA)

EQA sample should be treated as a patient sample with EQA as patient name.

Register EQA as a patient

Patient Name *	<input type="text" value="EQA"/>
Gender *	<input checked="" type="radio"/> Male <input type="radio"/> Female
Date of Birth	<input type="text"/>
Age	<input type="text"/>
<input type="button" value="Submit"/> <input type="button" value="Cancel"/>	

< June 2014 >

Su	Mo	Tu	We	Th	Fr	Sa
25	26	27	28	29	30	31
1	2	3	4	5	6	7

Submit to load the page below

Request the tests required for the EQA and Submit

Specimen Type *	<input type="text" value="-Select-"/>
Tests *	<input type="text" value="-Select specimen type first-"/>
Lab Receipt Date *	<input type="text" value="2014-06-04"/>
Lab receipt time *	<input type="text" value="14:29"/>
Physician	<input type="text"/>
Referral sample	<input type="radio"/> Referred Out <input type="radio"/> Referred In

### Patient details

<u>Registration Number</u>	978
<u>Name</u>	Eqa
<u>Gender</u>	M
<u>Age</u>	
<u>Date of Birth</u>	04-06-2014

\* Mandatory Field

[Add Another Specimen »](#)

<input type="button" value="Submit"/>	<input type="button" value="Cancel"/>
---------------------------------------	---------------------------------------

Receive the specimen, start the test and enter results of the test

These results are then available for retrieval to be sent to the Proficiency Testing Provider

Received evaluation result from Proficiency Test Provider should be kept by paper based filing