

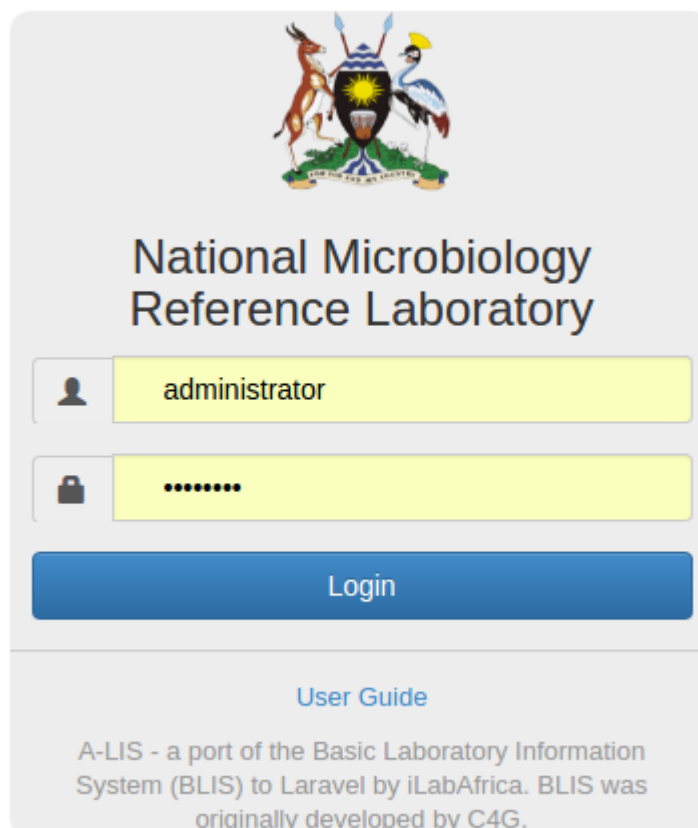
National Microbiology Reference Laboratory

Routine and Reference Testing

User Guide v1.0

Logging in

To access the login page follow the link <http://10.200.254.36> and enter your given credentials



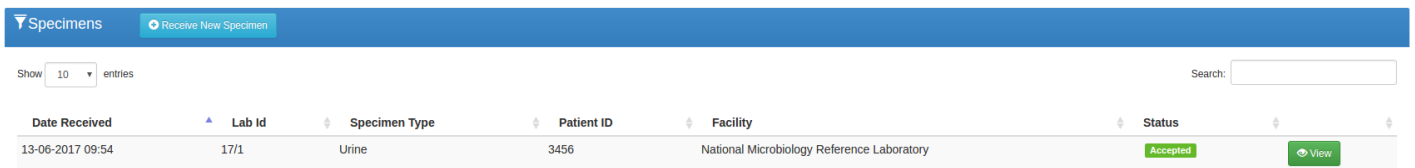
The login page features the national emblem of Nigeria at the top center. Below the emblem, the text "National Microbiology Reference Laboratory" is displayed in a large, bold, black font. Underneath this, there are two input fields: the first is for the username, with a user icon on the left and the text "administrator" entered; the second is for the password, with a lock icon on the left and a series of dots entered. A blue "Login" button is positioned below the password field. At the bottom of the page, there is a link for "User Guide" and a paragraph of text: "A-LIS - a port of the Basic Laboratory Information System (BLIS) to Laravel by iLabAfrica. BLIS was originally developed by C4G."

On logging in the home page is loaded. To access the index of specimens click “Specimens”.



Receiving a new specimen

On the loaded page, Click on “Receive New Specimen” at the top of the specimen list.



On the loaded page, fill in the patient and specimen information

Patient and Sample Information

Patient Name *

Patient ID *

Date Of Birth *

▼

/

▼

/

▼

Age *

Years ▼

Sex *

☒ Male
 ☐ Female

Lab ID

Facility

▼

Sample Type

▼

Time of Sample Collection

14 ▼

/

06 ▼

/

2017 ▼

13 ▼

:

50 ▼

Time Sample was Received in Lab

14 ▼

/

06 ▼

/

2017 ▼

13 ▼

:

50 ▼

 Save Test Request

To request for tests on the specimen received select the appropriate specimen type

Sample Type

select Specimen Type ▼

A list of relevant tests will be loaded, check the ones to be performed on the specimen

Sample Type

Blood ▼

☒ RPR

Time of Sample Collection

14 ▼ / 06 ▼ / 2017 ▼ 13 : 50 ▼

☒ Culture and Sensitivity

Time Sample was Received in Lab





14 ▼ / 06 ▼ / 2017 ▼ 13 : 50 ▼

And click submit

 Save Test Request

Tests for the save specimen will be listed.





Before starting a test, click analysis.

Date Ordered	Patient Number	Test	Actions	Test Status
14-06-2017 14:35	12312	RPR	 	Pending
14-06-2017 14:35	12312	Culture and Sensitivity	 	Pending

This is to record what time testing started, this also converts the button to “Enter Results”

Results Entry


To enter results after finishing test, click “Enter Results”

Patient Number	Test	Actions	Test Status
12312	RPR	 	Test Started
12312	Culture and Sensitivity	 	Pending

The appropriate result reporting fields will be loaded, complete the form and click “Save Results”

RPR

Comments

 Save Results

For Culture and Sensitivity results, the following page will be loaded

Culture and Sensitivity | ULIN: 2 [+ Add Isolated Organism](#)

Organisms Isolated

Organisms

Drug Susceptibility

Organism	Drug	Zone Diameter	Result
----------	------	---------------	--------

[+ Add Comment](#) [Set to Completed](#)

To add Isolated Organism click “Add Isolated Organism”

Culture and Sensitivity | ULIN: 2 [+ Add Isolated Organism](#)

Select organism isolated from the drop-down on the dialog that loads and “Save”

+ Add Organism Isolated ×

Organism Isolated

[Save](#) [Cancel](#)

The organism saved added will be listed in the table "organisms isolated" as shown below.

To set antibiotic click “Add Antibiotic”

Organisms Isolated

Organisms

E. coli	+ Add Antibiotic	Delete Organism
---------	----------------------------------	---------------------------------

On the dialog that loads, select the antibiotic set, enter its zone diameter and save

+ Drug Susceptibility Test Result ×

E. coli

Antibiotic	Zone Diameter
Ampicillin	12

[Save](#) [Cancel](#)

The the interpreted result will be listed as shown in the figure below

Drug Susceptibility

Organism	Drug	Zone Diameter	Result	
E. coli	Ampicillin	12	Resistant	Edit Delete

More isolated organisms can be added, and antibiotics set as done above

When the culture test is completed click “Set to Completed”



And enter the final comments and submit

Comment



On submitting a test details page will be loaded at the top of the panel, click “view report” to generate a report with all tests done on a particular specimen.

⚙️ Test Details
👁️ View Report

Test Type	Culture and Sensitivity
Date Ordered	2017-06-14 14:35:44
Receipt Date	2017-06-14 14:35:44
Test Status	Test Started
Requesting Physician	

Patient Details

Patient ID	12312
Name	Polly Okello
Age	51 years
Gender	Male

A report will be generated as shown below

NATIONAL MICROBIOLOGY REFERENCE LABORATORY
P.O. BOX 7272 KAMPALA, UGANDA.
LABORATORY REPORT

Facility Name	National Microbiology Reference Laboratory	Date Received	2017-06-13 13:23:00
Patient Name	asdjh asdfh	Specimen Type	CSF
Patient ID	g123456	Lab ID	1231
Gender & Age	Male 11 years		

Laboratory Findings

Appearance QSWDEFH

Antimicrobial Susceptibility Testing (AST)

Organism(s)	Antibiotic(s)	Result(s)
Adrenibacter spp	Piperacillin/tazobactam	R
Comment(s)	ASD	
Result Guide	S-Sensitive R-Resistant Intermediate	

Date Of Results Dispatch: 2017-06-15 07:50

1 of 1