BLIS - Kenya

Standard Operating Procedures(SOP)

BLIS-Kenya v2.5 - A joint initiative of C4G @ Georgia Tech, the CDC,

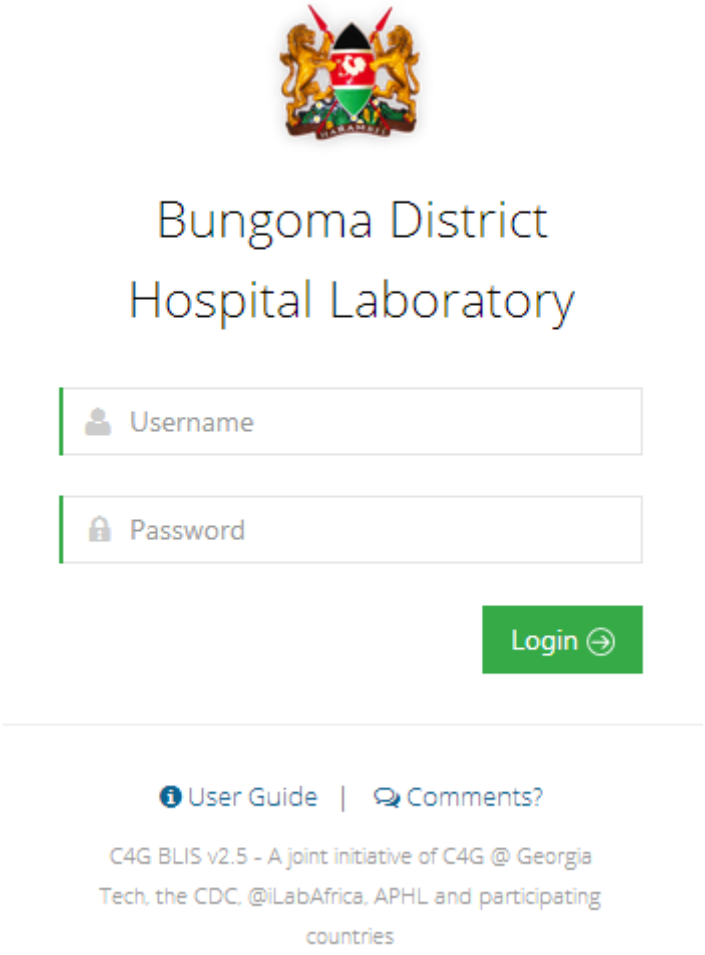
@iLabAfrica - Strathmore University , Association of Public Health Laboratories (APHL) and participating countries

Table of Contents

Starting BLIS 2
BLIS Technical Overview 3
Tests 5
- Receiving a Lab Request 5
- Accepting a Specimen 6
- Rejecting a Specimen 7
- Starting a Test 8
- Entering Test Results 10
- Editing Test Results 11
- Results Verification 13
- Viewing Results 14
- Viewing Specimen Details 15
- Patient Report 15

Starting BLIS

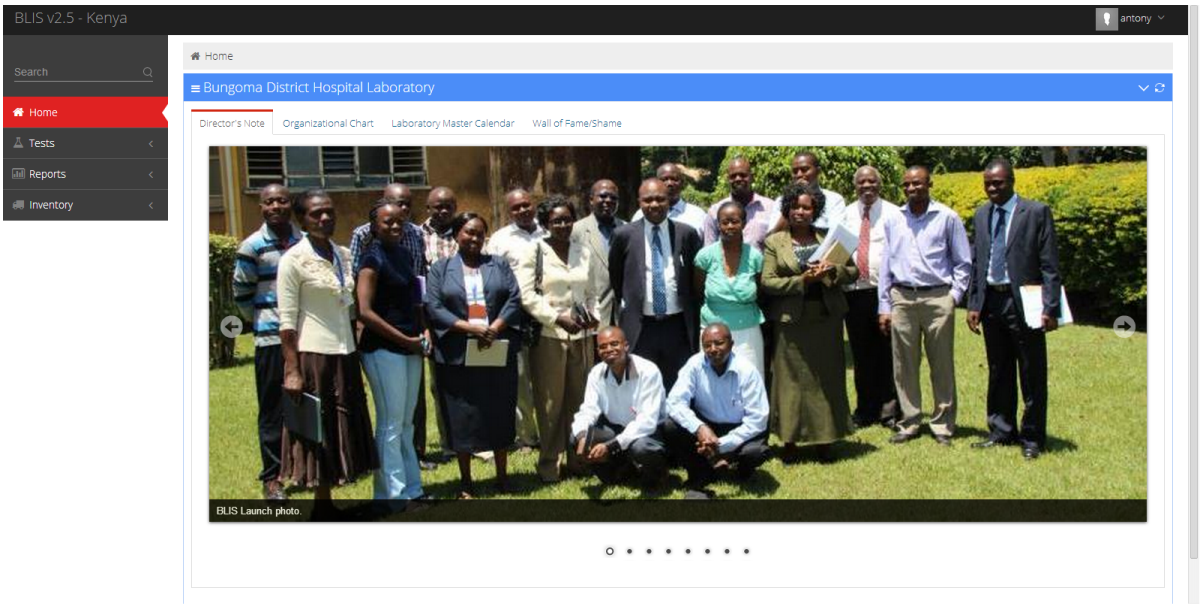
To start the Basic Laboratory Information System, you must click on the bookmark saved on the web browser e.g. Google Chrome or Mozilla Firefox. You will then see a page requesting login information. You must then enter your credentials to proceed.



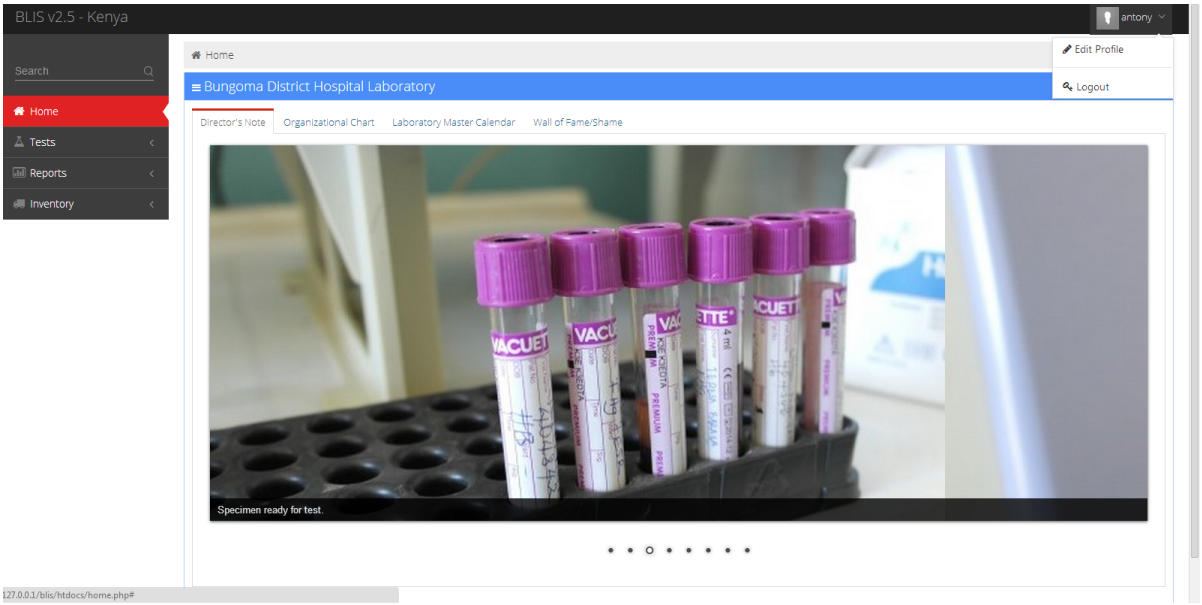
If you have forgotten your password, kindly contact the lab-in-charge for help

BLIS Technical Overview

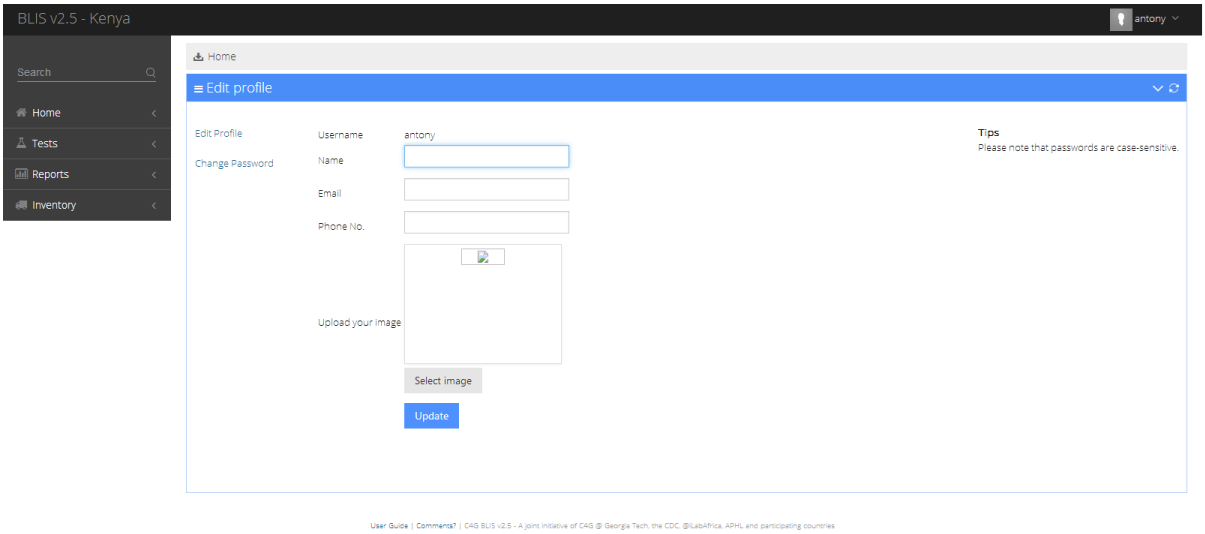
When you log in as a technician, you see this home page:



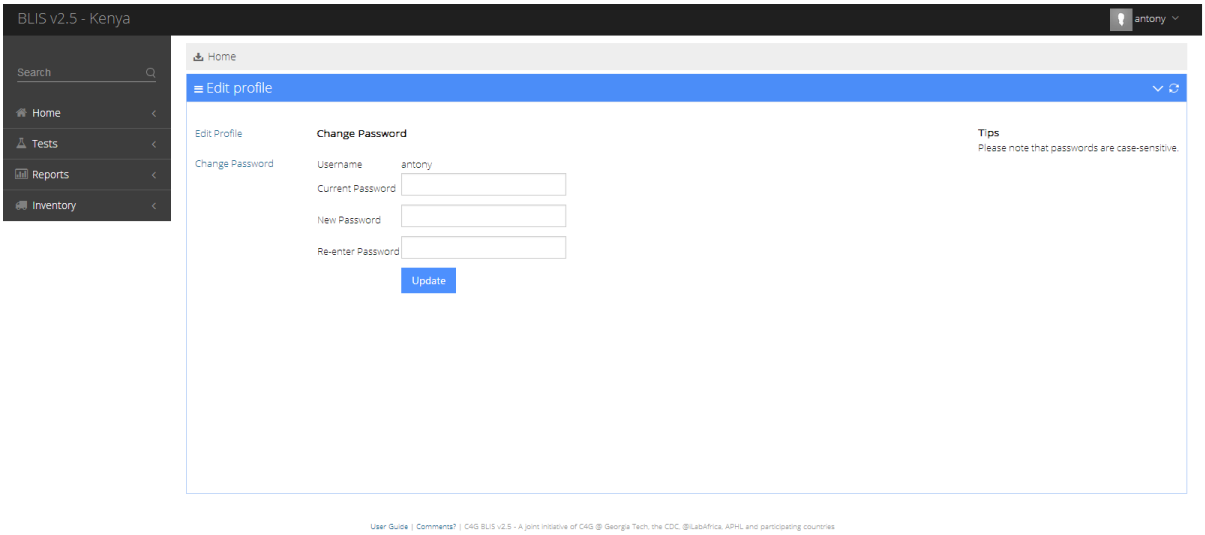
With Technician rights you can edit your profile to add or change email, phone, and profile picture. Username cannot be changed. Hover on the top right side of the top bar where you see your username e.g. Wasike. Click on the username to open a dropdown menu with 'Edit profile' and 'Logout' items as shown.



Once you click on 'Edit profile', you'll get the following form



Update your details as appropriate and click on the 'Update' button. To change your password, use the 'Change password' link on the 'Edit profile' form as shown.

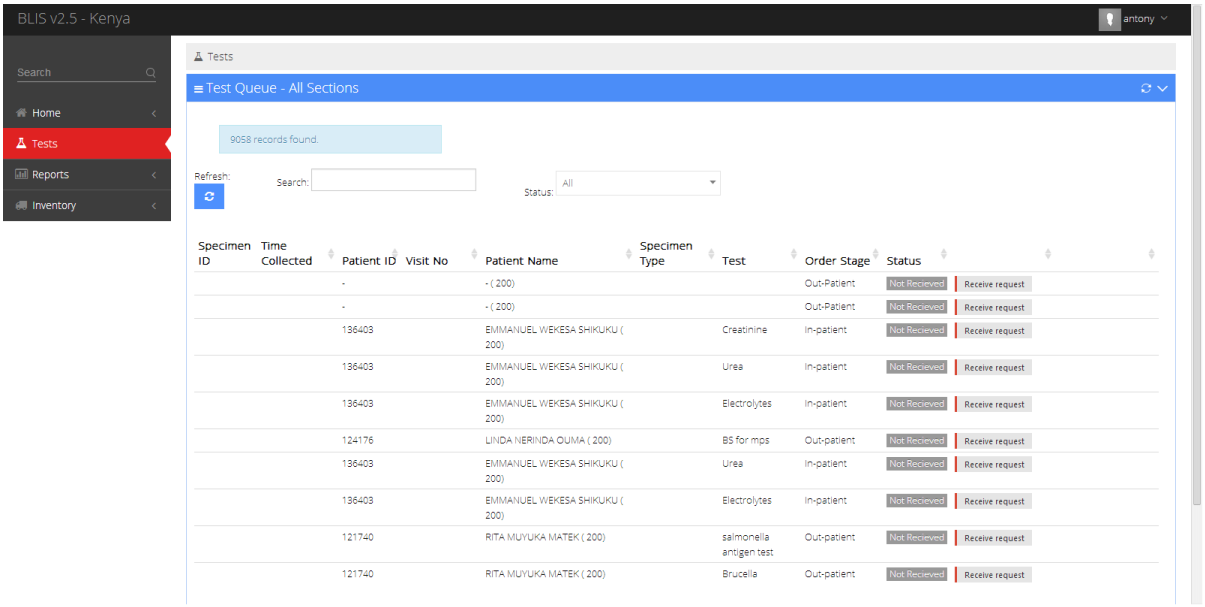


Fill in the form carefully and save the changes using the 'Update' button. Do not share your password with anyone else and please do not forget your password.

Tests

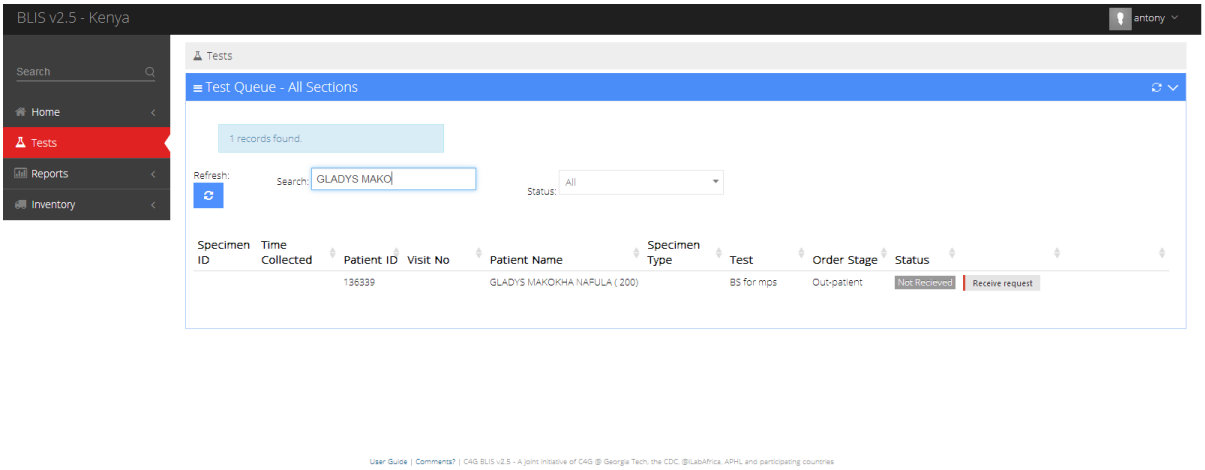
Receiving a Lab Request

Click on the ‘Tests’ menu item on the right bar. A list of all pending lab requests from SANITAS shall be displayed as shown.

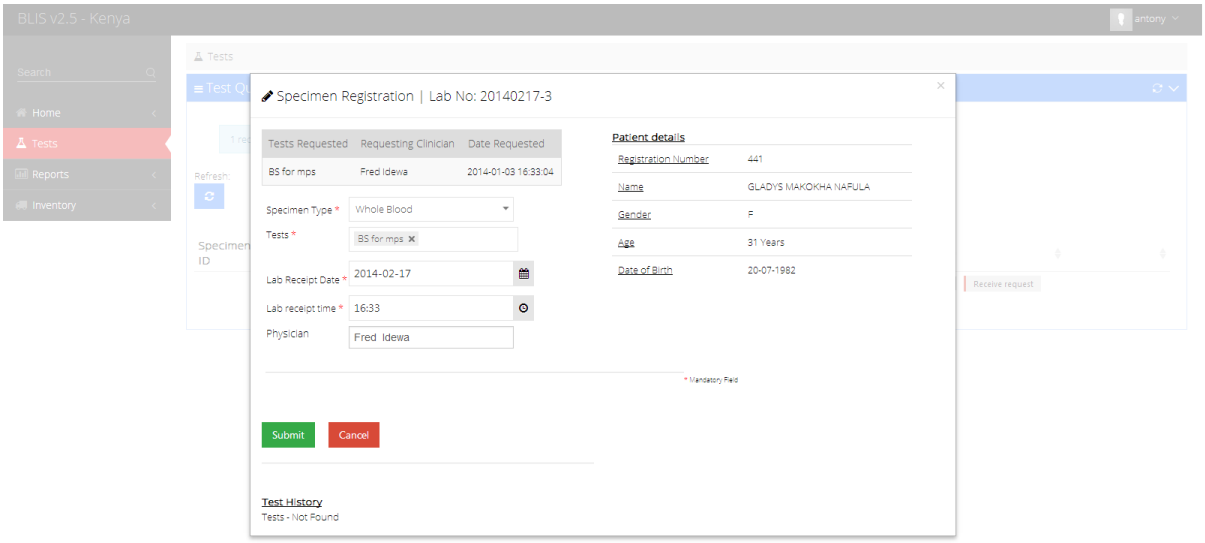


If you don’t see the request among the listed, you can SEARCH for the patient using the PATIENT NUMBER or the PATIENT NAME as captured below.

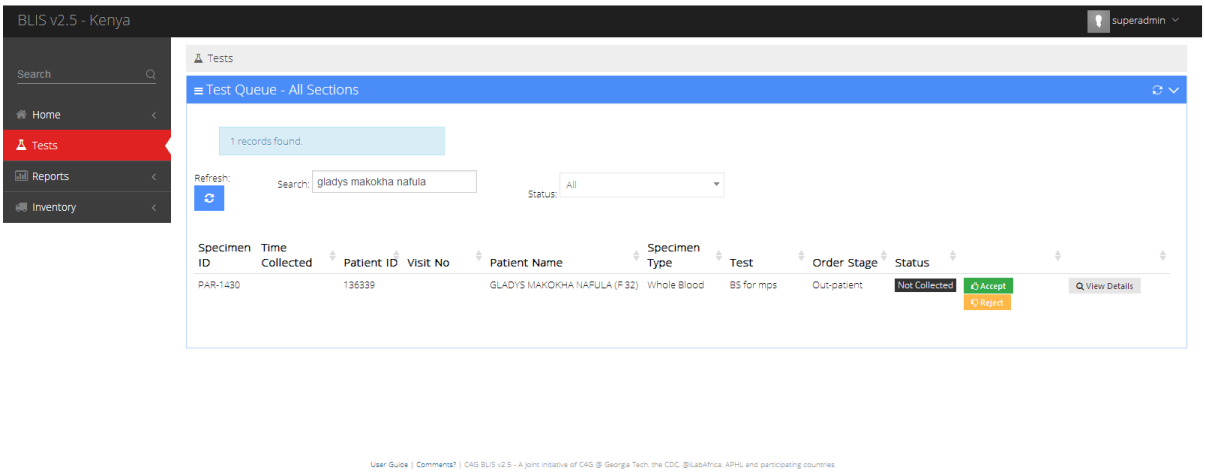
Remember to press ‘Enter’ after giving the search value.



Proceed to receive the request from using the ‘Receive Lab Request’ button on the far right of the row to get the following display



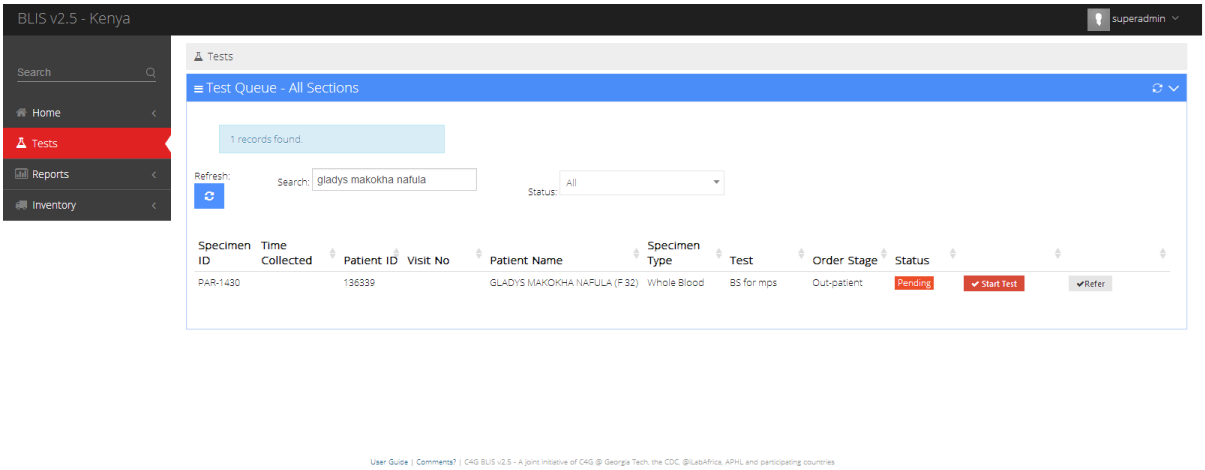
After submitting the details using 'Submit' button, the following page will appear to confirm successful submission



Accepting a Specimen

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

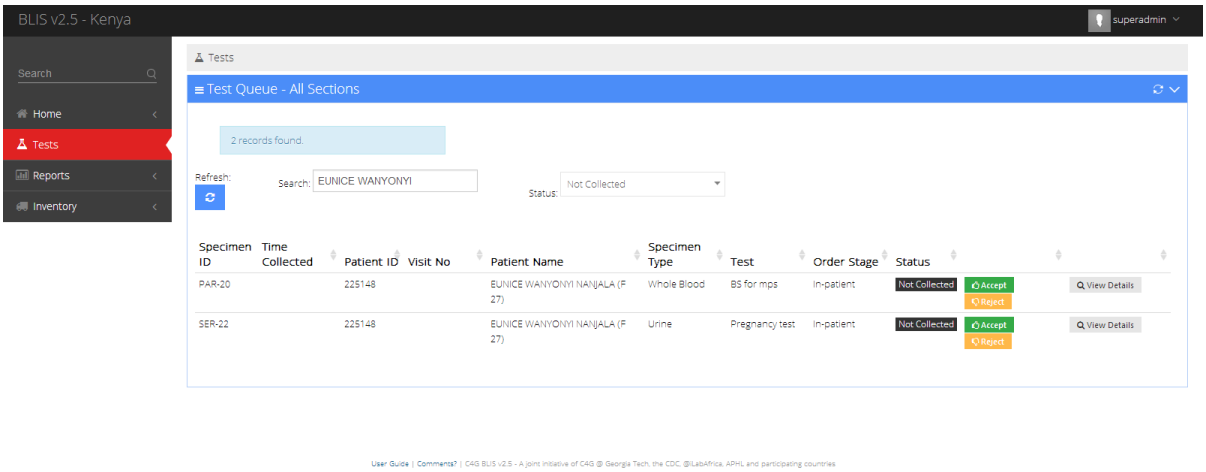
If acceptable, press the 'Accept' button as shown on the particular row of data to be directed to the following page.



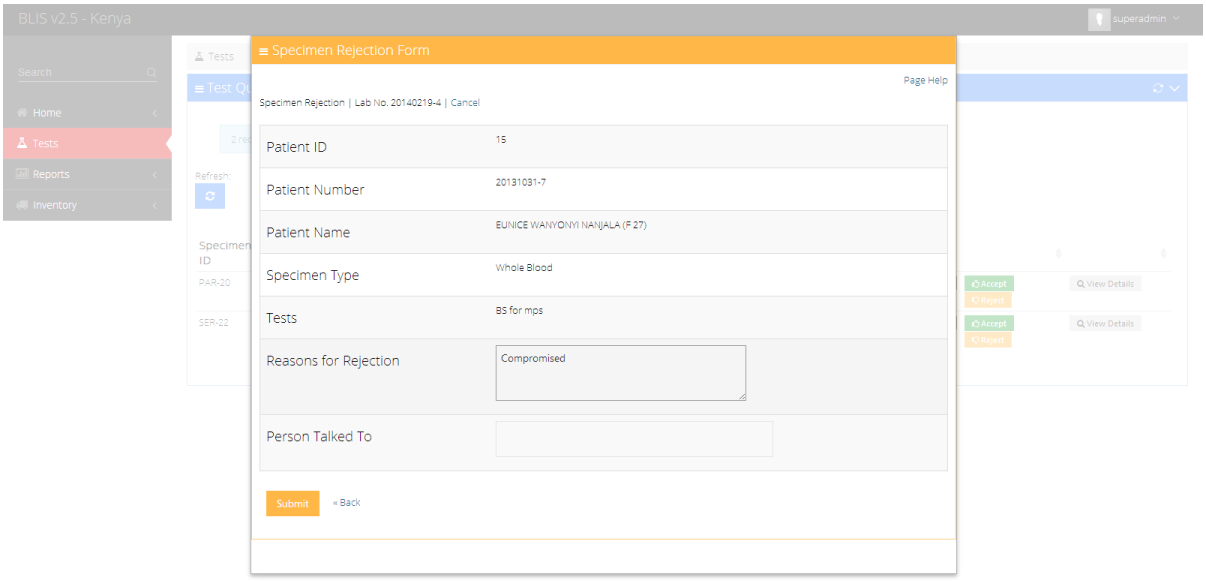
You'll get the specimen number in the format e.g. PAR-0001. PAR identifies the laboratory section the specimen shall be worked on and the numeric values represent the actual specimen identifier. Label the specimen with that specimen number provided. Sort the specimens ready for dispatch to the sections.

Rejecting a Specimen

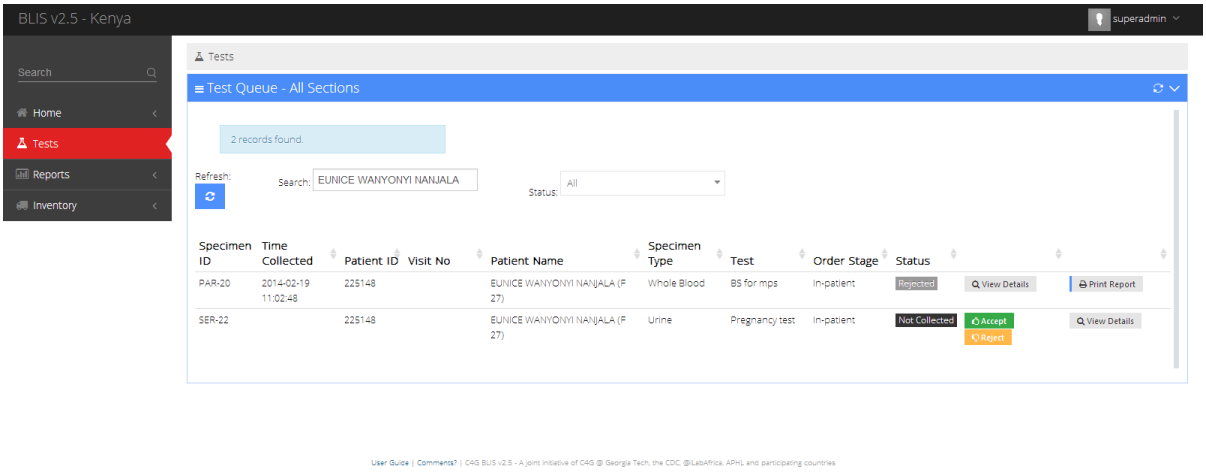
Sometimes, a specimen may fall short of the standards required for tests to be done on a sample, might be unlabeled, insufficient or due to other reasons especially with referral specimen. If so, search for the specimen as described above if not found among the displayed records.



On the corresponding row of the specimen, press the 'Reject' button.

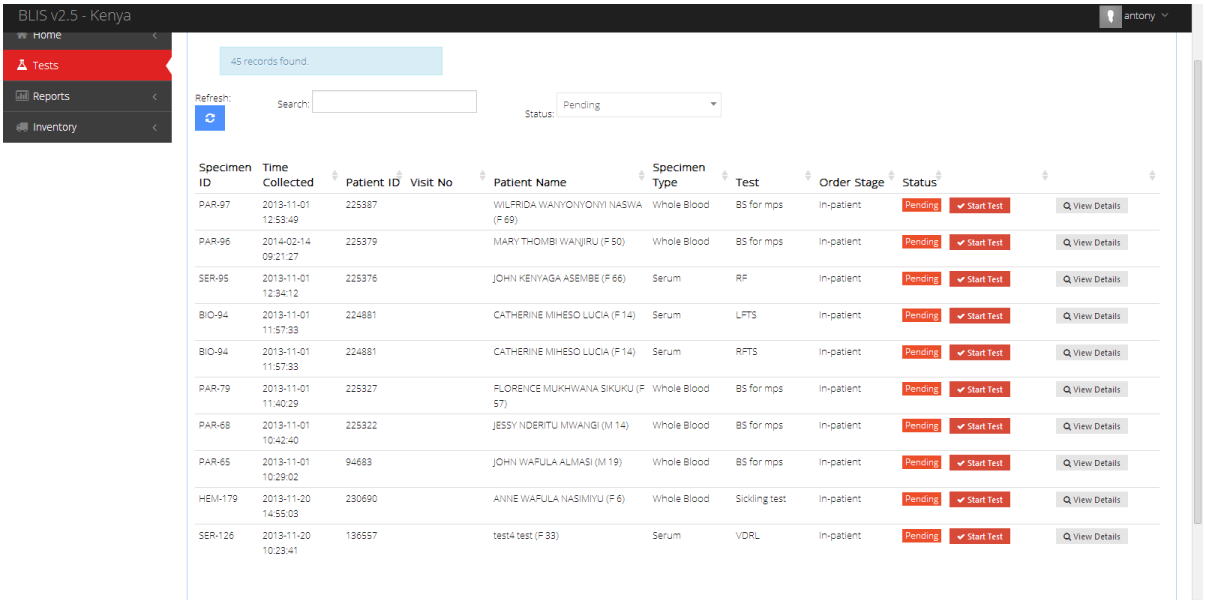


Fill in the form appropriately and submit it using the 'submit' button You have successfully rejected the specimen as captured below.



Starting a Test

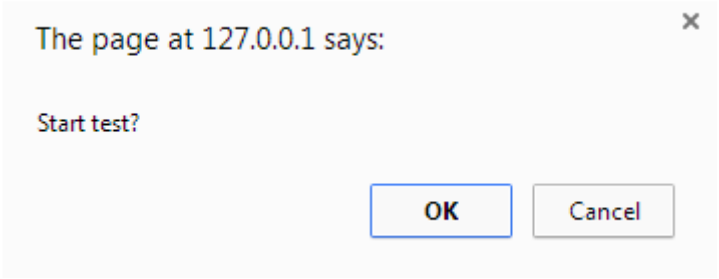
Search for the patient, test or specimen OR simply filter using the dropdown under 'Status' select box for 'Pending.



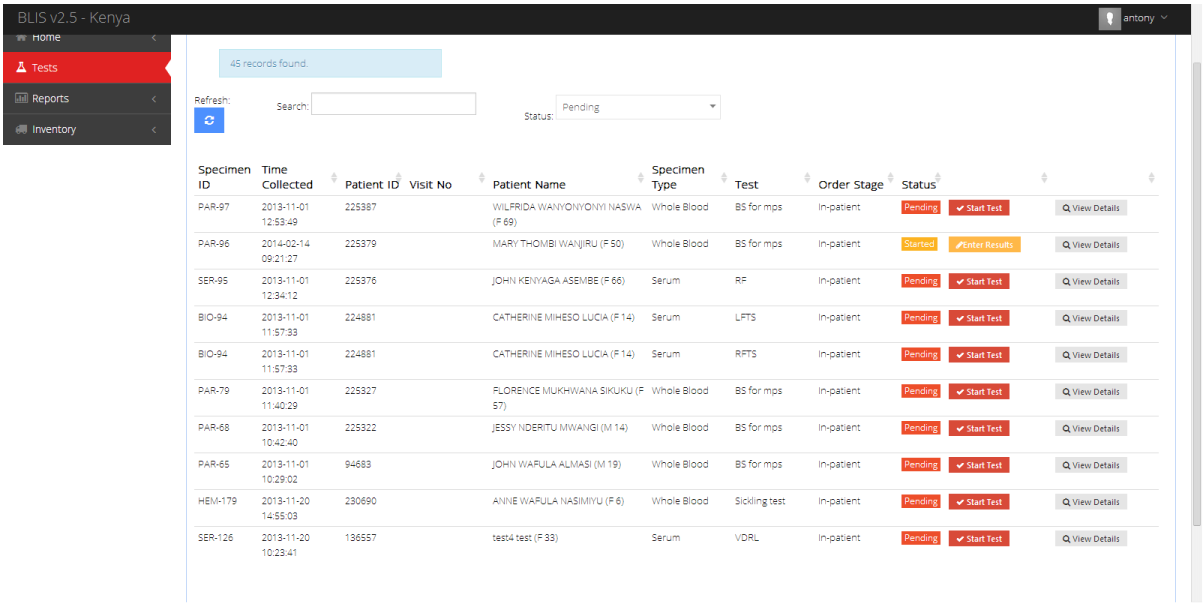
Search for the specimen

Check that its status is ‘Pending’

Click on the ‘Start test’ button and confirm on the pop-up by clicking ‘OK’



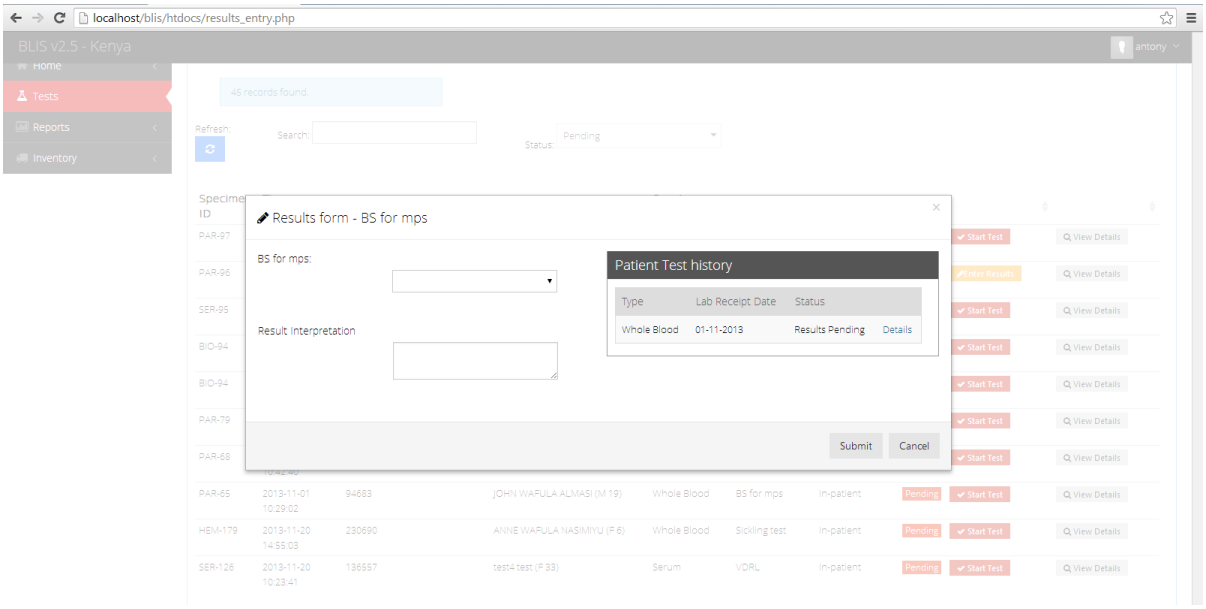
The status will change to ‘Started’ as captured.



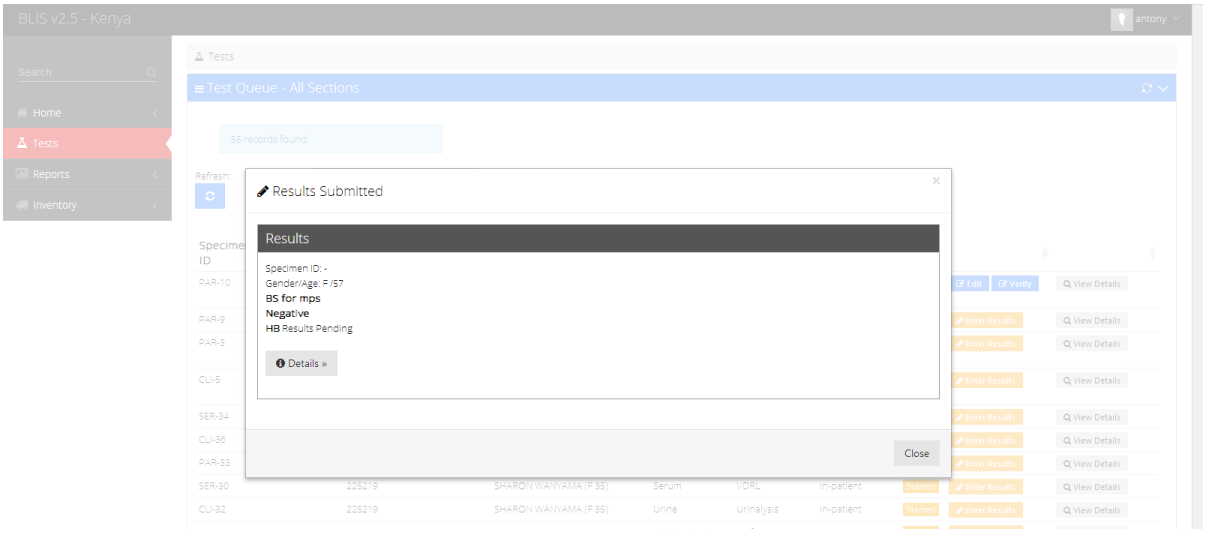
Proceed to perform the test

Entering Test Results

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

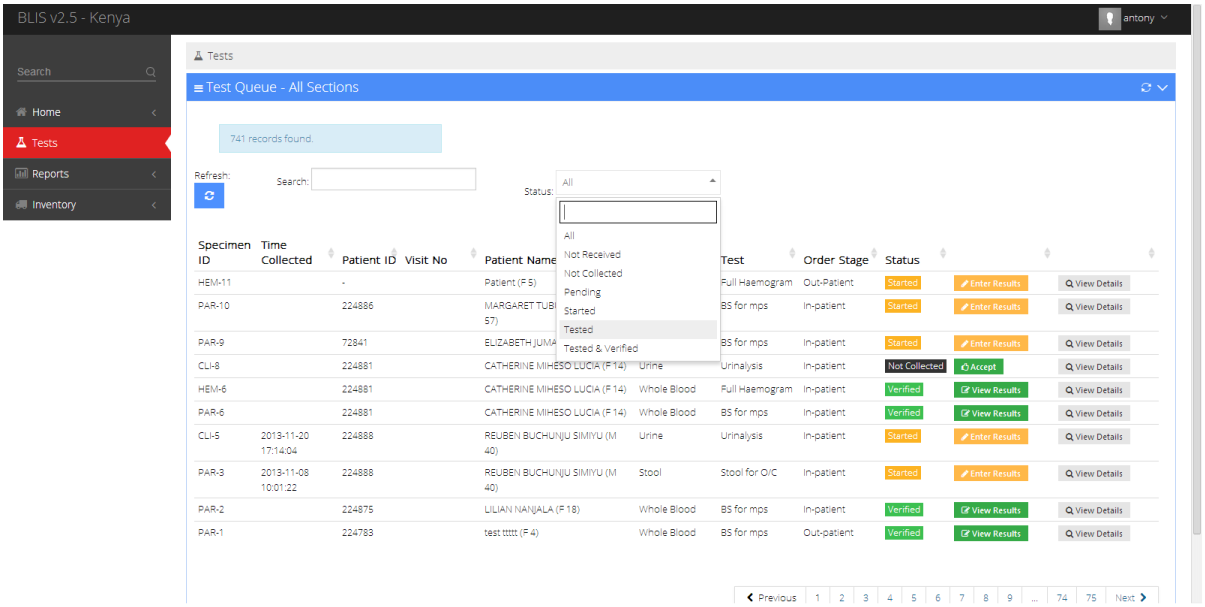


Once done, submit the results using the ‘Submit’ button to get the following confirmation

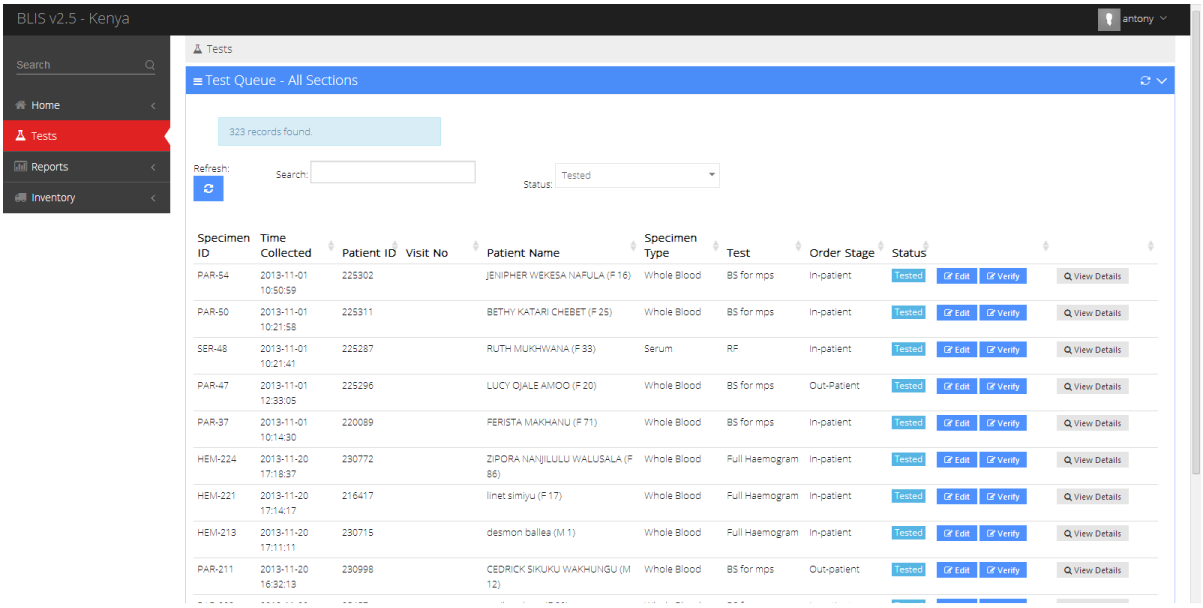


Editing Test Results

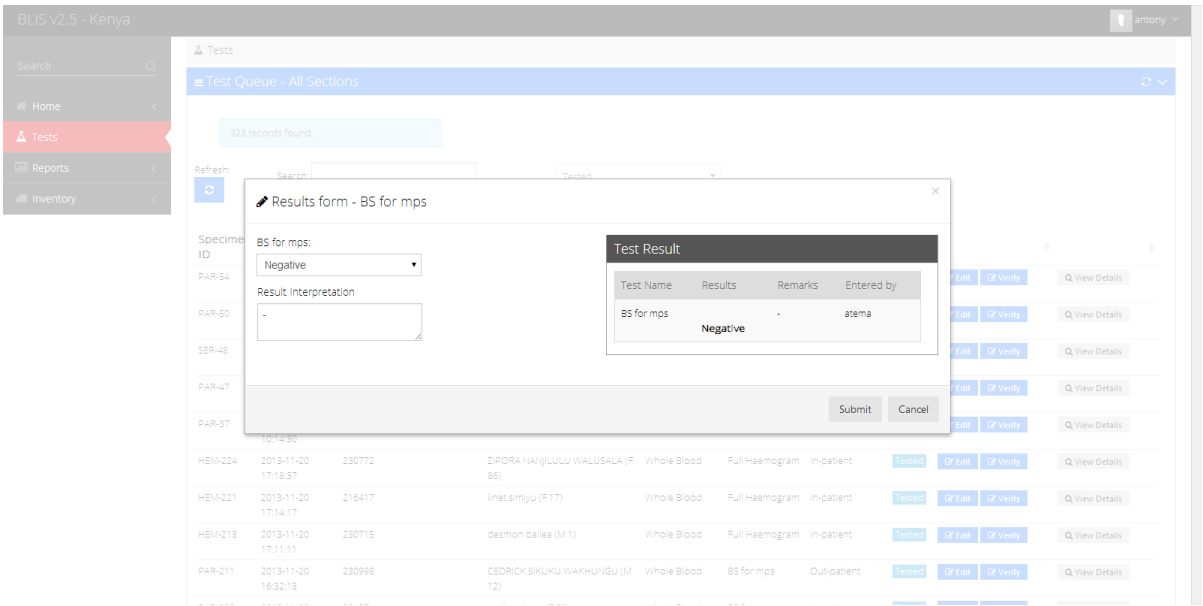
Search for the patient, test or specimen OR simply filter using the dropdown under ‘Status’ select box for ‘Tested’.



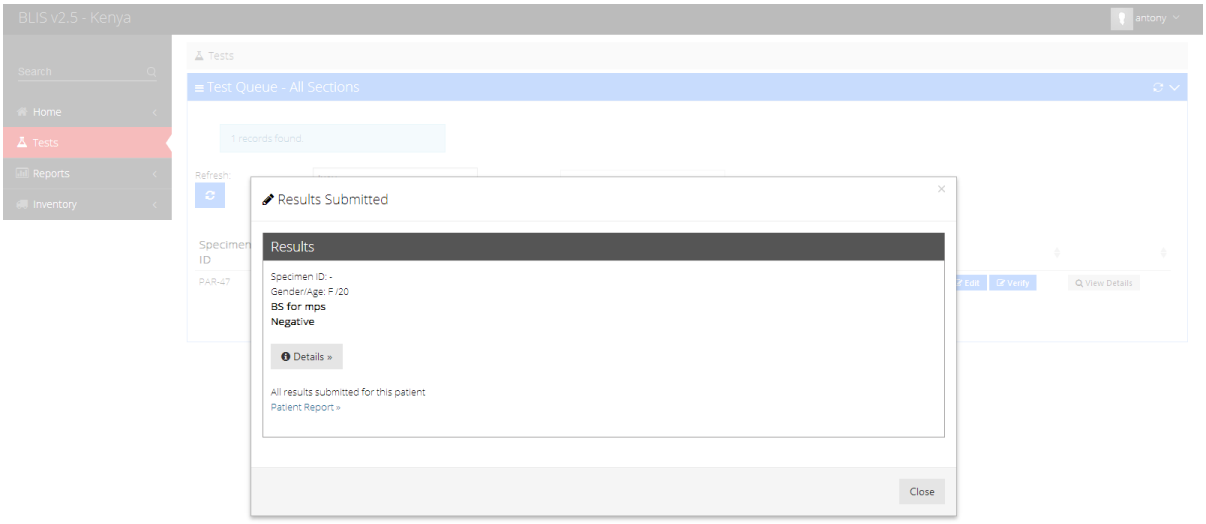
The following table will be given



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

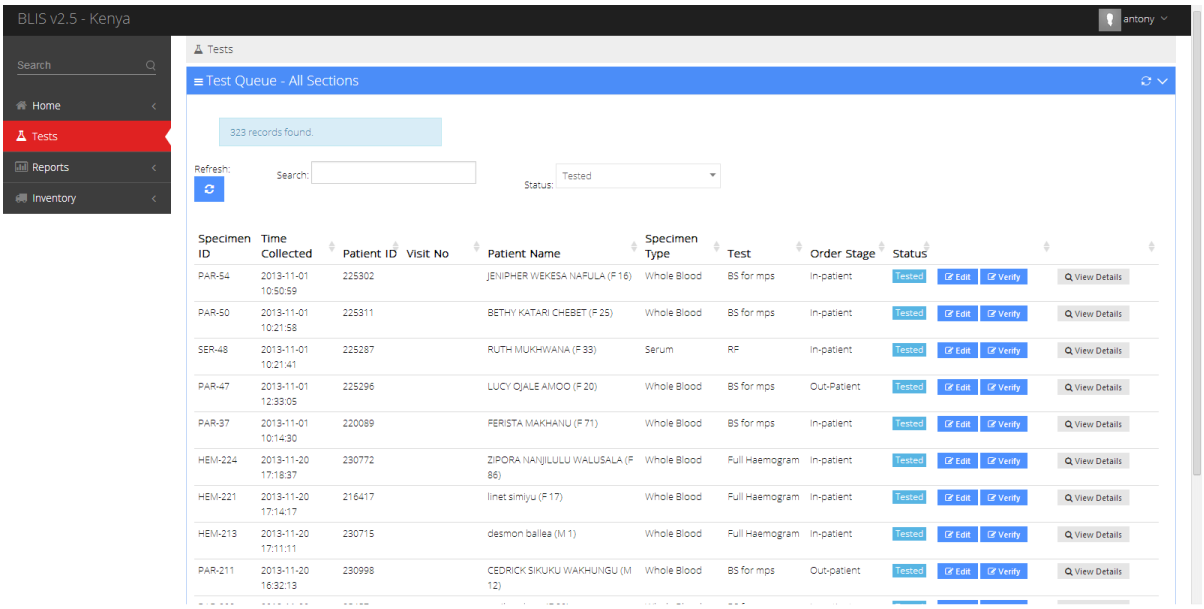


Update the results as appropriate and save the changes by using the ‘submit’ button.

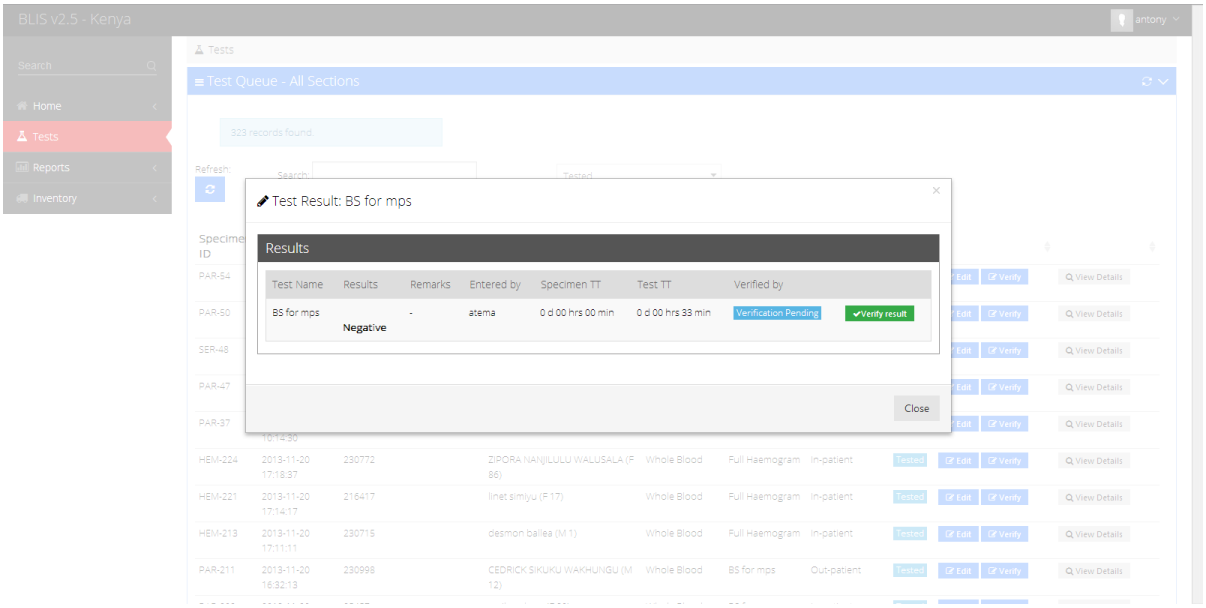


Results Verification

Here, specific heads of lab sections are assigned results verification privileges. To verify results, you may use the 'Verify' button and proceed to verify the results.

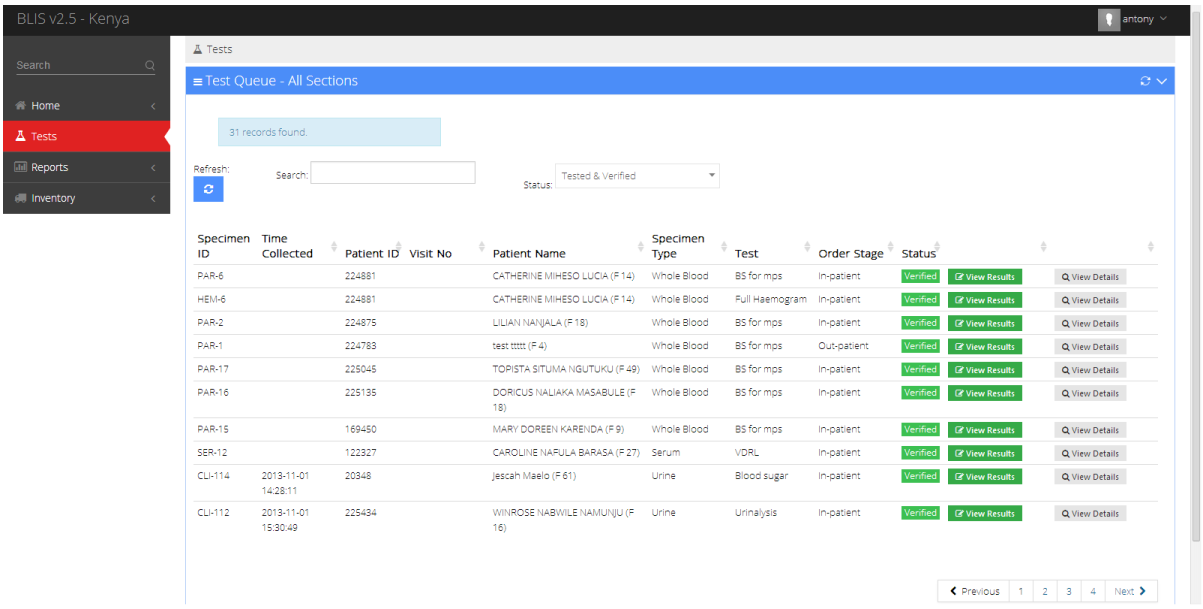


The following pop-up will be displayed

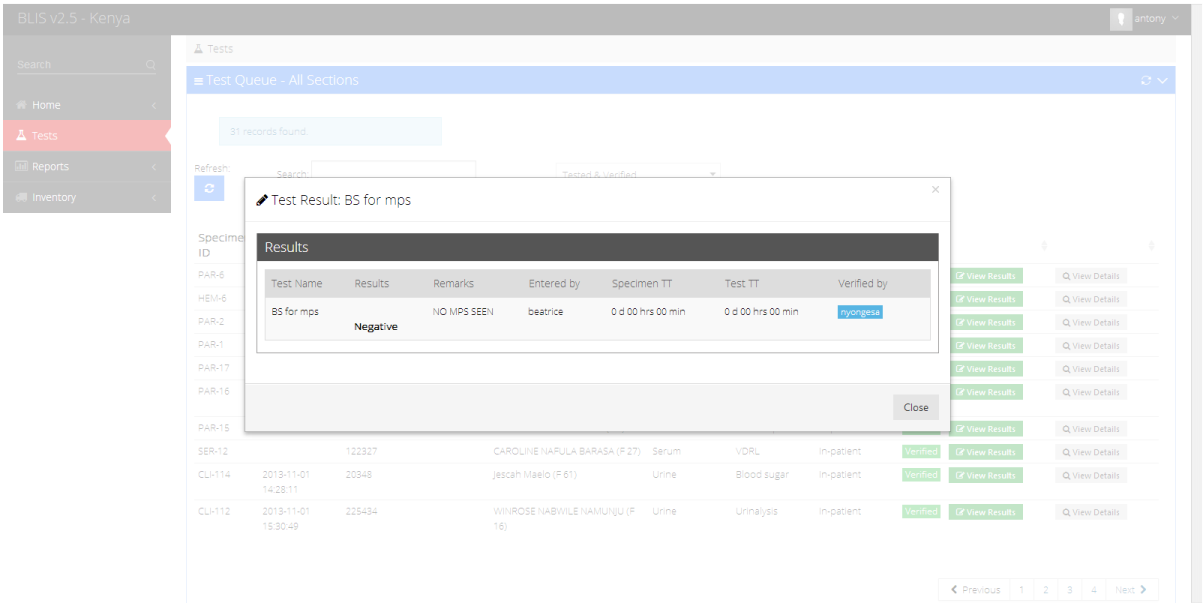


Viewing Results

To view test results, search for the verified test results



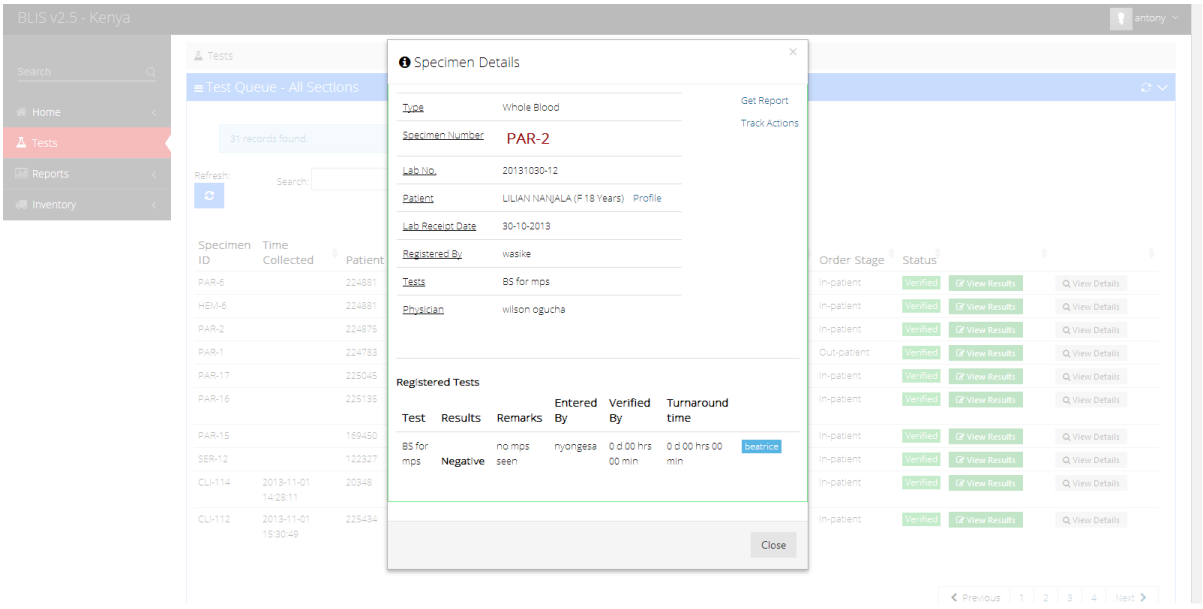
You'll see a 'View results' button Click on the button and a form containing the results of the test shall pop-up



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

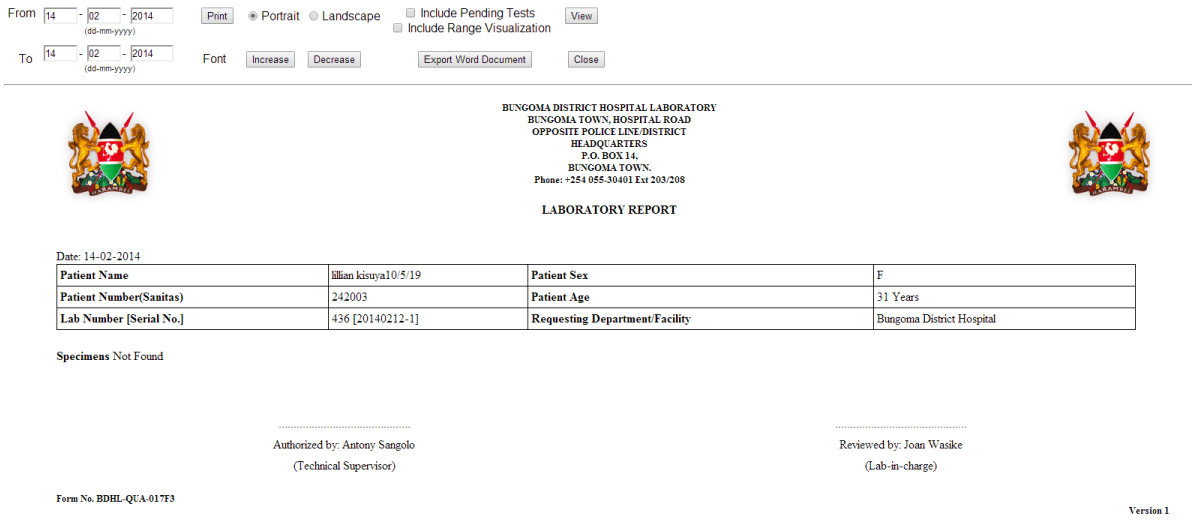
Viewing Specimen Details

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.



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 14 - 02 - 2014 (dd-mm-yyyy) Print Portrait Landscape Include Pending Tests Include Range Visualization View

To 14 - 02 - 2014 (dd-mm-yyyy) Font Increase Decrease Export Word Document Close

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	lillian 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.