

SOP: mLAB Application general User Guide

[Last update: July 2023]

Objective:	<i>Provide guidance on how to perform navigate and use mlab mobile application.</i>
Target group:	<i>Clinicians, Lab Techs, Data officers, SDP Lab personnel</i>
Requirements:	<i>Internet connectivity, Android Mobile phone,Tablet,</i>

Overview

This document acts as a guide to- on how to Navigate and use mLab mobile application to enable Admin and clinicians, Lab techs at facilities access real time VL results that are both secure and confidential, delivered through the short message system (SMS) from Central Reference Laboratory (CRL). It has two systems

- Web platform.
- Mobile application platform

Operations

To login in the mLab Web application system click this URL:

<http://mlab.kenyahmis.org/login>

1.0 PARTNER MODULE

Log in using the created username and password by the Administrator.

1.1 HOW TO LOG IN

- i. Enter your email/user name.
- ii. Enter password.
- iii. Click on Login



mLab

Sign In

E-Mail Address

Password

Login

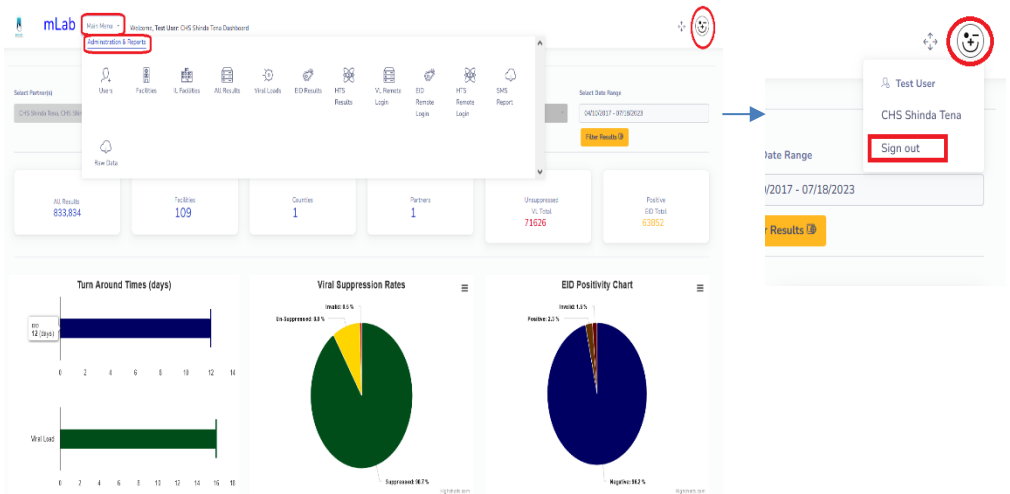
[Forgot Password?](#)

1.2 DASHBOARDS

1.2.1 HOW TO NAVIGATE THE DASHBOARD

- After log in the user will be directed on the home page which is the on the main menu as displayed below.
- On the top bar menu, the user will be able to access *Administration & Reports* and *Sign out* buttons.

Figure 2. Home Page



1.3 HOW TO ADD FACILITIES

- From the *Main Menu*, click on *Facilities > Add Facilities* as displayed below:



Administration & Reports

109 Facilities

Add Facility

Show 10



Users



Facilities



IL Facilities



All Results



Viral Loads



EID Results



HTS Results



VL Remote Login



EID Remote Login



HTS Remote Login



SMS Report



Raw Data

No.	Name	Facility ID	Level	Country	Region	Address	Created At	Actions
1	Akala Health Centre	13471	Level 3	Gem	Siaya	[REDACTED]	2019-05-22	Edit Remove
2	Sirembe Dispensary	14093	Level 2	Gem	Siaya	[REDACTED]	2018-07-24	Edit Remove

- ii. The following screen will be displayed. Use the drop down to add County, Sub County and Facility. Add the facility Phone number and click on Submit to save changes.

Add Facility

County

Sub County

Facility

Phone

1.4 HOW TO DISPLAY FACILITIES

- i. Click on *Facilities* under Main Menu options.
- ii. A list of all your facilities will be displayed. You can use the previous and next button to navigate through the facilities or use the search option to search for a specific facility.
- iii. In case you need to edit a facility click on *edit* as displayed below.

mLab Main Menu Welcome, Test User: CHS Shinda Tera Dashboard

109 Facilities

[Add Facility](#)

Show 12 entries

Search:

No.	Name	MFL	Level	Sub County	County	Phone No.	Date Added	Action
1	Abaka Health Centre	13471	Level 3	Gem	Siaya		2019-05-22	Edit Remove
2	Siremba Dispensary	14098	Level 2	Gem	Siaya		2018-07-24	Edit Remove
3	St Joseph's Obaga Dispensary	14111	Level 2	Rairieda	Siaya		2018-07-24	Edit Remove
4	Tinyere Dispensary	14147	Level 2	Upunja	Siaya		2018-07-24	Edit Remove
5	Ukwala Sub-County Hospital	14156	Level 4	Ugonya	Siaya		2019-06-15	Edit Remove
6	Ulungo Dispensary	14158	Level 2	Bondo	Siaya		2019-07-16	Edit Remove
7	Urenga Dispensary	14159	Level 2	Gem	Siaya		2019-02-22	Edit Remove
8	Uyawi Health Centre	14165	Level 3	Bondo	Siaya		2019-11-01	Edit Remove
9	Yala Sub-District Hospital	14175	Level 4	Gem	Siaya		2019-08-14	Edit Remove
10	Rar Nkogi Dispensary	16784	Level 2	Ugonya	Siaya		2018-07-24	Edit Remove

Showing 1 to 10 of 109 entries

Previous 1 2 3 4 5 ... 11 Next

iv. A pop-up menu will be displayed, edit the facility and click on Submit.

Edit facility ✕

Facility Name Akala Health Centre	MFL Code 13471
County Siaya	Sub-County Gem
Phone Number <input type="text"/>	

Submit

Close

The system also allows you to toggle the page for a wide view and exit full screen by clicking the screen toggle button marked in red.

No.	Name	MFL	Level	Facility	Sub-County	County	Phone No.	Date Added
3	Akala Health Centre	13471	Level 6	CHS Shamba Taka	Gem	Siaya	██████████	2019-09-14
3	Jambira Sub-County Hospital	13476	Level 9	CHS Shamba Taka	Ugenya	Siaya	██████████	2019-09-14
2	Siambira Dispensary	10883	Level 2	CHS Shamba Taka	Gen	Siaya	██████████	2018-07-24
4	Siambira Dispensary	14211	Level 2	CHS Shamba Taka	Perissa	Siaya	██████████	2018-07-24
5	Tingira Dispensary	11247	Level 2	CHS Shamba Taka	Ugenya	Siaya	██████████	2018-07-24
6	Ugenya Sub-County Hospital	11230	Level 6	CHS Shamba Taka	Ugenya	Siaya	██████████	2019-09-14
7	Ugenya Dispensary	14106	Level 2	CHS Shamba Taka	Busha	Siaya	██████████	2019-07-16
6	Ugenya Dispensary	11210	Level 2	CHS Shamba Taka	Gen	Siaya	██████████	2018-02-22
5	Ugenya Health Centre	14185	Level 5	CHS Shamba Taka	Busha	Siaya	██████████	2019-11-01
10	Yala Sub-County Hospital	14279	Level 6	CHS Shamba Taka	Gem	Siaya	██████████	2019-09-14

1.5 HOW TO ADD A USER

i. Click on *Main Menu*, Select *Users* and click on *Add User* as displayed below.

The screenshot shows the mLab dashboard interface. At the top left, there is a 'Main Menu' dropdown and a 'Welcome, Test User: CHS Shinda Tera Dashboard' message. Below this is a navigation bar with 'Administration & Reports' and various icons for different data types. A '250 Users' summary is shown with an 'Add User' button highlighted in red. Below the navigation bar is a table of users with columns for 'No.', 'Name', 'Raw Data', 'Facility', 'Date Added', and 'Action'. The 'Action' column for each user has three buttons: 'Edit', 'Reset', and 'Delete', with the 'Delete' button highlighted in red.

ii. A pop menu will be displayed as shown below

The screenshot shows the 'Add User' form. It has several input fields: 'First name', 'Last name', 'Email address', 'Phone', 'County', 'Sub County', 'Facility', and 'User Level'. The 'User Level' dropdown menu is open, showing three options: 'Select', 'Facility Admin', and 'Facility User'. The 'Facility Admin' option is highlighted in red.

iii. Fill in all the details as displayed on the screen above. Select the County, Sub County, Facility and User level from the drop down menu.

1.6 HOW TO EDIT FACILITY ADMIN

i. click on the edit button as shown in the figure below

The screenshot shows the mLab dashboard with the 'Administration & Reports' menu open. The 'Users' menu item is highlighted in a red box. Below the menu, there is a table of users. The 'Add User' button is highlighted in a red box. The table has columns for No., Name, Facility, Date Added, and Action. Two users are listed: one at Delphi Nursing & Maternity Home and one at Hawinga Health Centre. The 'Action' column for each user has three buttons: 'Edit' (blue), 'Reset' (green), and 'Delete' (red). These buttons are highlighted in a red box.

No.	Name	Facility	Date Added	Action
1	[REDACTED]	Delphi Nursing & Maternity Home	2018-06-06	Edit Reset Delete
2	[REDACTED]	Hawinga Health Centre	2018-06-06	Edit Reset Delete

ii. The below pop up window will be displayed. Edit the User details, click submit once done to save the changes.

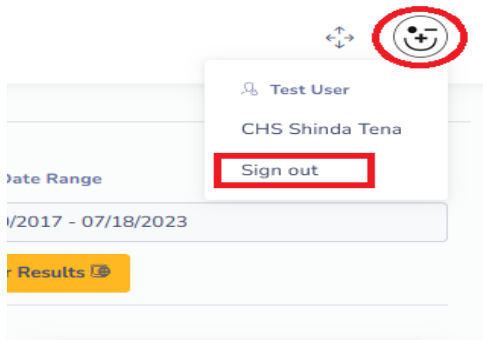
The 'Edit User' pop-up window displays a form with the following fields:

- First name:
- Last name:
- Email address:
- Phone:
- County:
- Sub County:
- Facility:
- User Level:
- Status:

A blue 'Submit' button is located at the bottom of the form. A 'Close' button is located at the bottom right of the pop-up window.

1.7 HOW TO LOG OUT OF THE SYSTEM

Click on the Sign out as shown below. You will be redirected back to the Login page.



3.0 ANDROID APPLICATION

3.1 INTRODUCTION

The mLAB is a mobile device supported application that runs on any Android supported device.

3.2 HOW TO ACCESS mLAB APPLICATION

Download and install the application from the Play Store.



There are two servers available during initial logging i.e. Production and Test. During the first time setup, user MUST specify which server to login to as shown below. Tap on the drop down and choose the correct server. Note that Facility Live Server is used for actual facility use and data captured into this sever are consider real patient, while Training Test Server is used strictly for testing or training purposes and data captured here is considered as dummy data.

mLab User

Select the baseURL to connect to

Facility Live Server

Training Test Server

--Select the system to connect to--


PROCEED

IMPORTANT: To switch between Production and Test server, you must uninstall the application and reinstall it afresh.


3.3 HOW TO REGISTER


After selecting the system to connect to and clicking proceed, you will be redirected to mLab User Registration page.
Fill in the registration details and click Accept terms and register.

mLab User Registration





Phone number e.g(071234567)


 _____

 User Name

what is your favourite pet?

 Security Answer

 Password

 Confirm Password

Show Password

[VIEW PRIVACY POLICY & TERMS](#)

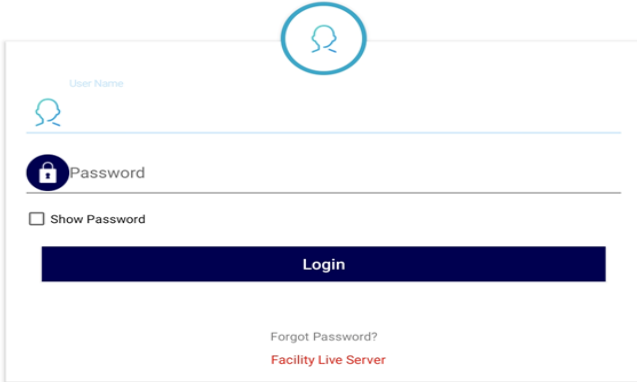
By registering I agree to the privacy policy & Terms and Conditions for using mLab.

[Accept Terms and Register](#)

3.4 HOW TO LOGIN

Once you have created the account, login by inputting your username and password then click the login button as shown above.

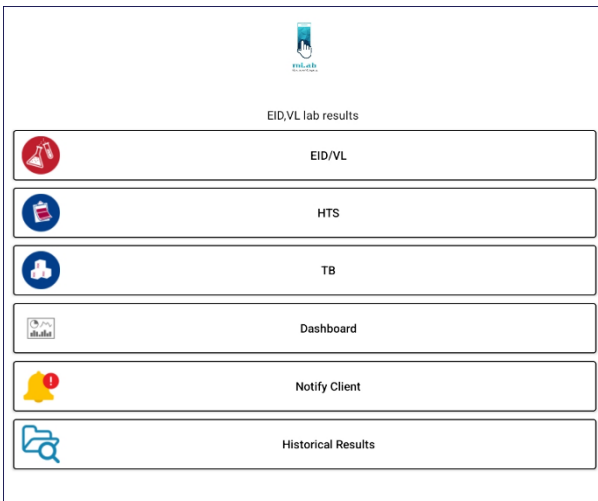
mLab User Login









The login form features a circular profile icon at the top center. Below it, there are two input fields: 'User Name' with a person icon and 'Password' with a lock icon. A 'Show Password' checkbox is located below the password field. A dark blue 'Login' button is centered below the inputs. At the bottom, there are links for 'Forgot Password?' and 'Facility Live Server'.

3.5 HOW TO NAVIGATE MAIN PAGE

- i. On successful log in the main page will be displayed which as shown below.



The main page features the mLab logo at the top. Below the logo, the text 'EID,VL lab results' is displayed. A vertical list of navigation items follows, each with an icon and a label:

-  EID/VL
-  HTS
-  TB
-  Dashboard
-  Notify Client
-  Historical Results

3.6 HOW TO ACCESS RESULTS ON mLAB APPLICATION

- i. Click on the Historical results on the main page
- ii. Enter facility MFL code.
- iii. Enter the period using the date picker.
- iv. Results will be displayed depending on period requested.

← HISTORICAL RESULTS

GET HISTORICAL RESULTS BY DATE

Enter MFL code


Select Date From

Select Date To

3.7 HOW TO ADD CLIENTS ON ANROID APPLICATION

- i. On the main menu page, click on Notify Client. Register client page will appear as shown below.
- ii. Once all the fields have been filed, click on “Client Registration” button to save.

← Register Client



Patient Unique identifier

First Name

Last Name

Phone number

Consent to Receive

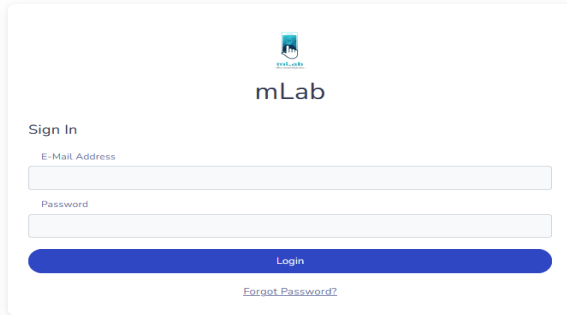
Results

Notification

Client Registration

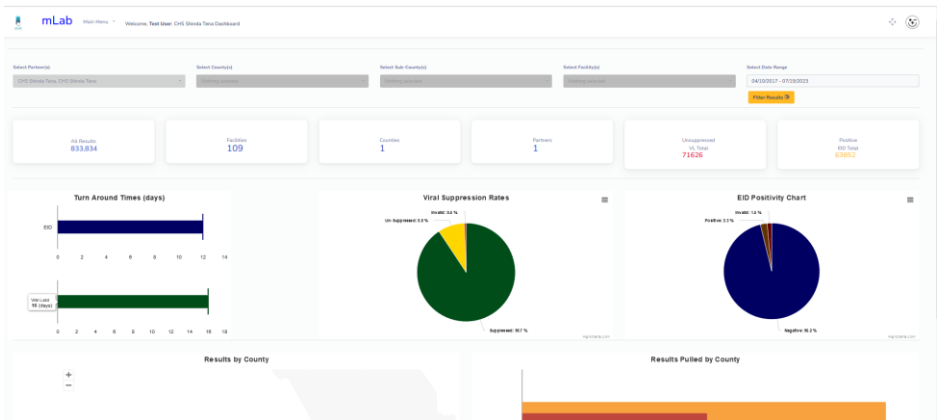
3.8 HOW TO NAVIGATE THE DASHBOARD MODULE

On the main menu page, click on Dashboard. You will be redirected to the web login page.



The image shows the mLab sign-in page. At the top center is the mLab logo, which consists of a blue square with a white hand icon and the text 'mLab' below it. Below the logo, the text 'Sign In' is displayed. There are two input fields: 'E-Mail Address' and 'Password'. Below these fields is a blue 'Login' button. At the bottom of the form, there is a link that says 'Forgot Password?'. The entire form is enclosed in a light gray border.

Log in using the correct credentials to access the Dashboard as shown below. You will be able to view graphical analysis of your data and also download reports in different formats e.g. CSV, PDF, MS EXCEL



THE END