C3 Lab Investigations

A3 A5 C1B C4 D2 G1

Context

This follows the collection of Location data from the user under A3, Location. The doctor has already marked the need for a Lab Investigation in the Differential Diagnosis tab for this episode.

Lab investigations differ from prescriptions and referrals in that they are carried out across multiple stages, namely:
1. Order,
2. Sample Collection,
3. Results,
4. Review, and
5. Report,

all of which the system needs to be aware of. Numbers 1, 2 and 4 are addressed on the following pages. See section D2 for reporting workflow.

There are five different states for Lab Investigations, and the following icons should be used in the Open Episodes container for ease of reference by the originating doctor:

🔵 Request for Lab Investigation made

🔵 Sample collected (Verified by QRAuthorise per G1)

🔵 Lab Results received but not reviewed by doctor

🔵 Lab Results reviewed but not uploaded

🔵 Lab Report generated and uploaded to Dashboard

01 Order 🔵

Similar to a Referral, preparing a request for a Lab Investigation is performed under Other Documents. In addition to referring the user to a clinic for sample collection, the doctor could also send the user to a nearby lab. Again, $Postcode is required to find the nearest clinic.

For the initial launch of this feature, Lab (Company) and Branch (Lab Services Organisation linked to Company) fields are defaulted to Gribbles, Central Laboratory respectively.

The Auto-Suggest feature under Test Profile will display the name of test profiles from the Gribbles Catalogue based on inputs by the Doctor. Regardless of what the Doctor enters, the first two results from the Auto-Suggest dropdown will always be the 2 FEV3R test profiles as shown below. Alongside these 2 test profiles is an indicator showing that they are under subscription.

Auto Suggest (On)

Test Profile [M50] ➤

FVR1 🟢
FVR2 🟢
FVR_M50
FVR_M51

There is an option to "+Add New Test which adds the fields shown here.

The Sample Collected checkbox only appears after Enter and serves to allow for a Lab Investigation to be generated at a Physical Clinic as well as to allow the Doctor at a Sample Collection Clinic to indicate the sample has been collected when the Episode is accessed via G1 QRAuthorise.

Upon selection of the desired Test Profile, the Doctor clicks Enter and various fields are then auto-generated from the Gribbles Catalogue. The resulting Test Profile in its final form will resemble that shown on the right.

1 FEV3R identifier
2 Panel Code
3 Schedule Code
4 Test Name
5 Specimen Requirements

When a new investigation is added, the +Add option only exists below the newly added investigation and an option to delete is added to previous investigations.

Details on how these fields map to the generated Lab Investigation document are provided on the next page.

Other Documents

01	Medical Certificate	Condition	👁 ☁ 🗑 ⌄
02	Referral	Condition	👁 ☁ 🗑 ⌃
03	Lab Investigation	Condition	👁 ☁ 🗑

Clinic
[Select] [▼]

☑ Sample Collected
☑ Fast Reporting
☑ Fasting

Lab [Gribbles ▼]   Branch [Central Laboratory ▼]

Test Profile
[FVR_M50 ▼] ➤   🗑

Sample Type & Amount
[Auto-Fill Based On Selected Test Profile] Auto-fill based on selected test profile

Notes
[Free Text]

Test Profile
[FVR_M50_3006   M50 Merdeka Screen] ➤   🗑

Sample Type & Amount
[8ml Plain (Gel Yellow)] [8ml Plain (Gel Yellow)] [8ml Plain (Gel Yellow)]
[8ml Plain (Gel Yellow)]

Notes
[Free Text]

(+) Add New Test

C3 Lab Investigations (Cont') (A3) (A5) (C1B) (C4) (D2) (G1)

01 Order 💧

This page provides details on how fields from the Lab Investigations section of Other Documents map to the final generated Lab Investigation document when ⬜ is clicked.

Although only a single Lab Investigation is shown here, if more than one test is ordered, each additional test is added as a new page in the final generated document, ie, if there are 2 tests, there should be 2 pages in the generated pdf document, with a single test on each page.

Generated from User Profile.

Automatically populated.

Only when this is checked indicating sample has been collected will the Date and Time fields be populated within the generated pdf.

Either field is updated based on whether or not it has been checked on the form prior to generating pdf.

Generated from Doctor Profile of attending Doctor ie Doctor taking the physical sample.

Other Documents

01	Medical Certificate	#CONDITION	☁ 🗑 ⌄
02	Referral	#CONDITION	☁ 🗑 ⌄
03	Lab Investigation		☁ 🗑 ⌃

Sample Collection
SELECT CLINIC OR LAB

CLINIC
Select ⌄

LAB   BRANCH
Gribbles ⌄   Central Laboratory ⌄

Test Profile   FVR_M50_3006   M50 Merdeka Screen   ☑ Sample Collected

Sample Type & Amount
8ml Plain (Gel-YELLOW)
4ml EDTA (PURPLE)   ☑ Fast Reporting
2ml Fluoride Oxalate (GREY)
50ml Mid Stream Urine   ☑ Fasting

Notes   Free text   🗑

⊕ Add New Lab Investigation

Gribbles By Innoquest

Gribbles Pathology (Malaysia) Sdn Bhd
W198501016573 (149031-W)
2nd Floor, Wisma Tecna
18A Jalan 51A/223
46100 Petaling Jaya, Selangor
t/ 1300-88-0234 f/ +603-79577732

LAB USE ONLY

Doctor's Name, Address & Clinic Stamp

Details (Please fill all details)
Patient's Name: _____
NRIC No: _____
Date of Birth: _____
Sex: ☐ Male   ☐ Female
Your Reference: _____
Patient's Address : _____
Patient's Telephone: _____

Specimen type:
Blood ☐   Nasopharyngeal and Oropharyngeal ☐
Saliva ☐   Others ☐
Nasopharyngeal ☐

Specimen Taken from Patient :   **PACKAGE :**
Fasting ☐
Non-fasting ☐

Time of Sample Collection:
Date: _____   Time: _____ am/ pm

BILL TO : FEV3R

If Lab test is available under subscription BILL TO: FEV3R

If Lab test is not available under subscription BILL TO: CUSTOMER

A3 A5 C1B C4 D2 G1
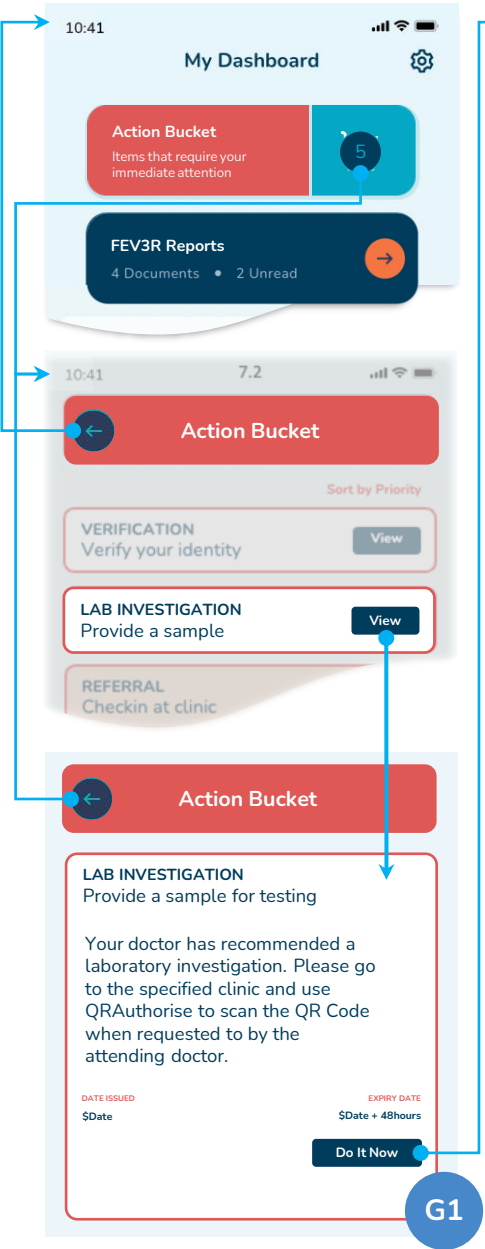
02 Sample Collection 💧

As with referrals, the user will be required to physically go to a Clinic or Lab to have the sample taken for processing.

NOTE: There would have already been an Action Ticket to Check-in at a specific clinic above the Action Ticket for the Lab Investigation.

This is followed by the steps outlined under G1 QRAuthorise whereby the User scans the QR Code when prompted by the doctor.

10:41

My Dashboard ⚙

Action Bucket
Items that require your immediate attention
5

FEV3R Reports
4 Documents • 2 Unread →

10:41 7.2

← **Action Bucket**

Sort by Priority

VERIFICATION
Verify your identity [View]

LAB INVESTIGATION
Provide a sample [View]

REFERRAL
Checkin at clinic

← **Action Bucket**

LAB INVESTIGATION
Provide a sample for testing

Your doctor has recommended a laboratory investigation. Please go to the specified clinic and use QRAuthorise to scan the QR Code when requested to by the attending doctor.

DATE ISSUED
$Date

EXPIRY DATE
$Date + 48hours

[Do It Now]

G1