



Fondation
Mérieux

Lab | Book

LabBook Lite v1.0.6

LabBook Lite Manual

v2

January 2026

Fondation Mérieux

Lutte contre les maladies infectieuses depuis 1967

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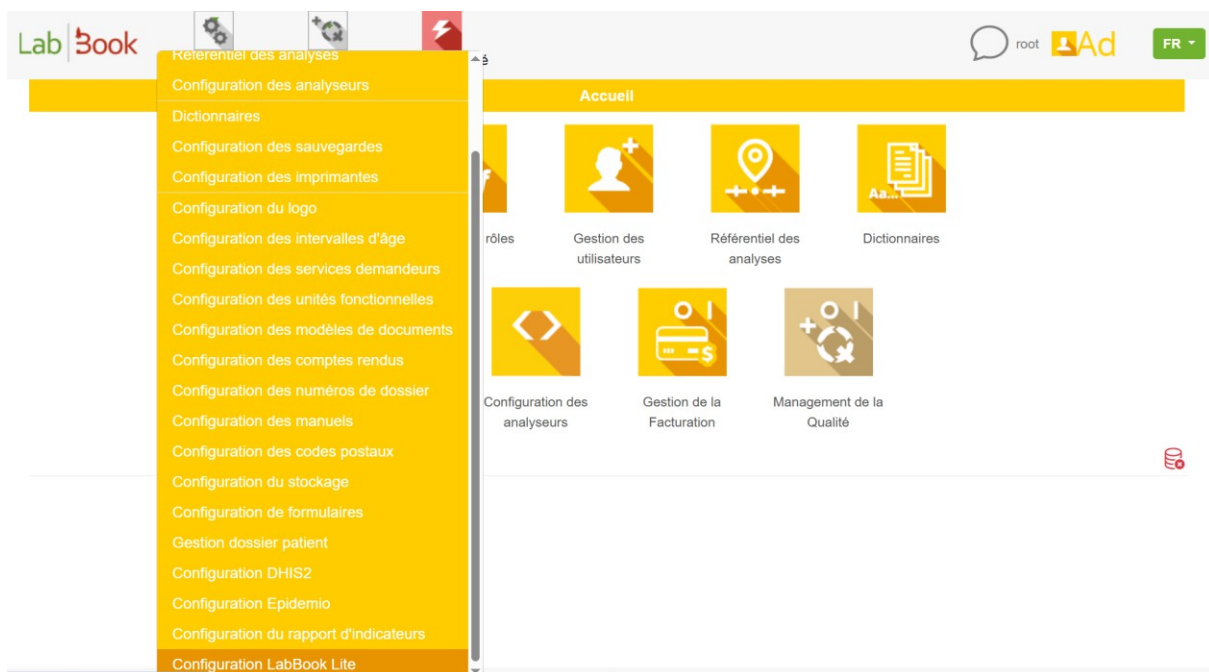
Foreword

This manual presents the "LabBook Lite" mobile application, enabling health centers in remote areas with no internet connection to use LabBook on Android tablets and phones. This application enables data to be captured and sent to the LabBook server. It is accessible to users with the root or agent role.

To communicate with LabBook Lite, LabBook must be configured for HTTPS and the certificate must be installed on the phone or tablet (see [LabBook Installation Manual](#), relevant sections).

LabBook - LabBook Lite configuration

Starting with LabBook 3.5, you can configure LabBook Lite by logging on as root, then clicking on Settings -> LabBook Lite configuration.



The user is then redirected to the LabBook Lite settings page. This page displays a table of LabBook Lite configurations, including name, login and number of users, and an action button for editing or deleting a configuration.

LabBook Paramétrages Qualité Non conformité root Ad FR

Paramétrage LabBook Lite

Afficher 25 entrées Rechercher:

Action	Nom	Login	Nb utilisateurs
	Test conf	test	2

Affichage de 1 à 1 sur 1 entrées

Premier Précédent 1 Suivant Dernier

Retour Ajouter une configuration

Version : 3.5.11 | Contributeurs

The user can create a new configuration by clicking on the add configuration button, and then enter configuration information such as name, login, password and associated users. Associated users must include at least one user with the admin role and one user with the agent role. The user can also choose to check the box "Account rendering with password" and then click on "Save".

LabBook Paramétrages Qualité Non conformité root Ad FR

Définir une configuration LabBook Lite

Nom * Test conf

Identifiant * test

Mot de passe *

Utilisateurs associés

Possibles

Sélectionnés *

Test agent (Agent)

root (Administrateur)
Alexandre AGENT (Agent)

Compte rendu avec mot de passe
Le mot de passe sera le code interne de la fiche patient

Annuler Enregistrer

On LabBook Lite, we have 2 types of user: admins and agents. The agent here acts as secretary, technician and biologist, and is responsible, among other things, for creating patients, entering their results and validating these results.

Note 1:

For added security, laboratories using LabBook Lite are advised to create a new administrator user with a strong login and password, to be associated with the configuration of their Lite version.

Note 2:

Each LabBook Lite configuration must be associated with one mobile at a time.

LabBook Lite interface overview

To use LabBook Lite, you need to have at least version Android 10 on your device. Then just add the APK to your Android device and double-click on it to install it.



Once you've opened the LabBook Lite application, on the home page you'll need to retrieve the configuration to be able to connect and use the application. You must first enter the url of the LabBook server, in this example <https://demo.lab-book.org/sigl>, and the configuration credentials already created on LabBook, then click on Recover configuration.

NB: Please replace <https://demo.lab-book.org> with the IP address of the LabBook server.

Lab|Booklite root

Configuration

URL serveur LabBook

Enregistrer

Identifiant

Mot de passe

Récupérer la configuration

Envoyer les données vers LabBook

If the recovery is successful, the user receives a success message before being redirected to the login page, otherwise an error message is displayed.

Lab|Booklite

Identifiant

Mot de passe

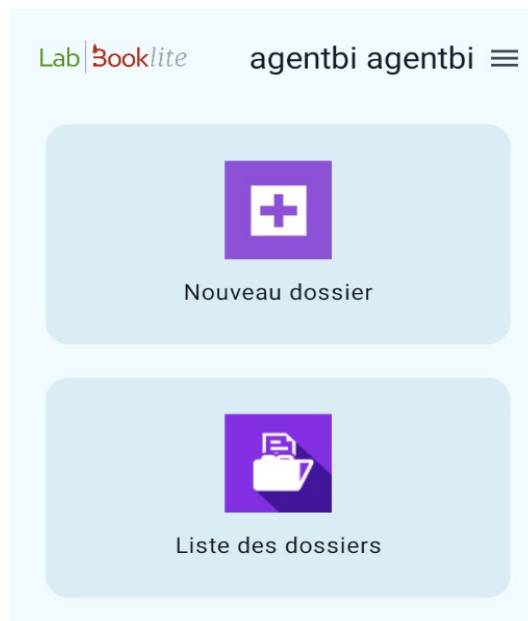
CONNEXION

Agent user interface

- 1) The user logs in as an agent to be able to add patients.

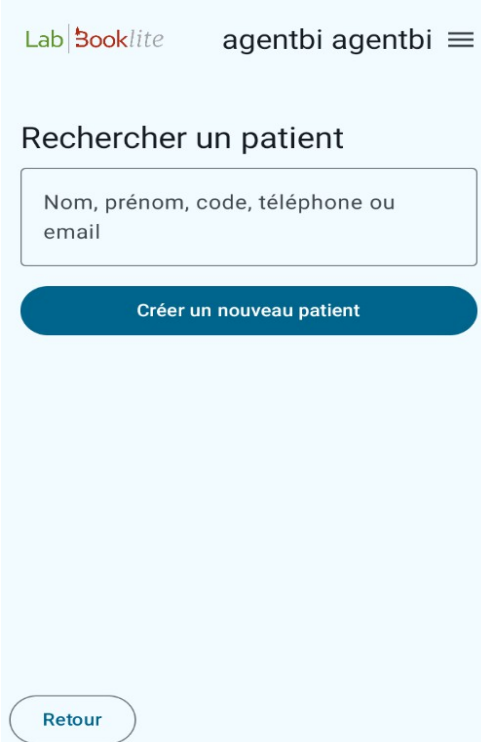


- 2) Once logged in, the agent user is redirected to his personalized home page, with the new folder and folder list buttons.



Add a patient

To add a patient, the user clicks on new folder. This takes them to the add page, where they can either search for an existing patient or add a new one.



The screenshot shows a mobile application interface for 'Lab|Booklite'. At the top, the logo 'Lab|Booklite' is on the left, and the user's name 'agentbi agentbi' with a hamburger menu icon is on the right. The main heading is 'Rechercher un patient'. Below this is a search input field with the placeholder text 'Nom, prénom, code, téléphone ou email'. Underneath the search field is a prominent blue button labeled 'Créer un nouveau patient'. At the bottom left, there is a 'Retour' button.

By clicking on the "Create new patient" button, the page for adding a patient opens, and the user must enter the most important fields, such as identification with first name, last name, gender, age, etc.

Lab|Booklite agentbi agentbi ☰

Nom

Deuxième nom

Nom de jeune fille

Prénom(s)

Code interne
LT2FC611

Code patient interne au laboratoire

Sexe

Retour Enregistrer

Lab|Booklite agentbi agentbi ☰

Date de naissance (YYYY-MM-DD)

Date approximative Oui Non

Âge

Unité
Années

Nationalité Résident

Groupe sanguin

Rhésus


Coordonnées

Adresse

Retour Enregistrer

Adding tests to the patient file

To add tests, enter the first 3 characters of the test name or code in the test search bar, then select a prescription date.

Lab **Booklite** AGENT Alexandre 

[B001 / 14933-6]
Biochimie sanguine
Acide urique (uricémie)

[B002 / 1963-8]
Biochimie sanguine
Bicarbonates


[B003 / 75697-3]
Biochimie sanguine
Bilirubine totale

[B004 / 45066-8]
Biochimie sanguine
Créatininémie

[B005 / 14749-6]
Biochimie sanguine
Glucose

Rechercher une analyse

Analyses

B004 / 45066-8 - Créatininémie 

Urgent : Oui Non

Actes de prélèvement

Administrative file

Once the analyses have been recorded, the agent can access the patient's administrative file, enter the results or delete the file.

Lab|Booklite AGENT Alexandre ☰

Liste des dossiers

Numéro de dossier

Date début  Date fin 

Recherche patient (nom, prénom, code)

A **1** 04/06/2025 17:52
Patient : LT215CA4 fanta sow

[Dossier administratif](#) [Résultats](#) 

Lab|Booklite AGENT Alexandre ☰

Dossier

Identité
Code : LT215CA4
Nom : fanta
Prénom : sow
Sexe : Féminin
Date de naissance : 2001-12-12


[Modifier le patient](#)

Prescription
Date de réception : 04/06/2025 17:52
Date de prescription : 04/06/2025
Prescripteur : Non renseigné

Analyses
B004 - Créatininémie
B005 - Glucose

Results entry and report generation

To add results, click on the results button, then for each analysis enter the results, save and validate. At the end of the process, click on "Full report" to generate the PDF report before being redirected to the patient's administrative file.

Lab|Book*lite* AGENT Alexandre 

Code : LT215CA4
Nom : fanta
Prénom : sow
Sexe : Féminin
Date de naissance : 2001-12-12

Créatininémie [Biochimie sanguine]

Créatinine $\mu\text{mol/l}$

[Annuler](#) [Réinitialiser](#)

Glucose [Biochimie sanguine]

Glucose mmol/l

[Annuler](#) [Réinitialiser](#)

[Retour](#) [Rapport complet](#)

Results report

From the administrative file, the agent can **download, read, delete** or **regenerate the PDF** of the patient's results report.



The screenshot displays the LabBooklite interface for user AGENT Alexandre. The header shows the logo and the user's name. Below the header, there are three main sections:

- Actes de prélèvements**: PB1 - Prélèvement de sang veineux
- Compte rendu**: cr_LT-20250604 0001.pdf. This section includes four icons: a red download icon, a blue share icon, a red delete icon, and a green regenerate icon.
- Renseignements / Informations complémentaires**: A large empty text area with a button labeled "Enregistrer le commentaire" at the bottom.

At the bottom of the interface, there are two buttons: "Retour" and "Résultats".

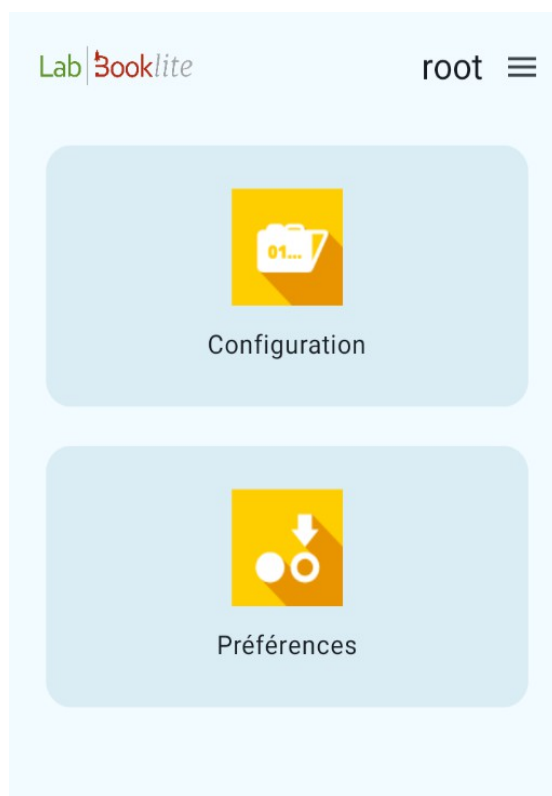
Root user interface

To send patient data from LabBook Lite to LabBook, the user must log out of the agent account and log in as root.



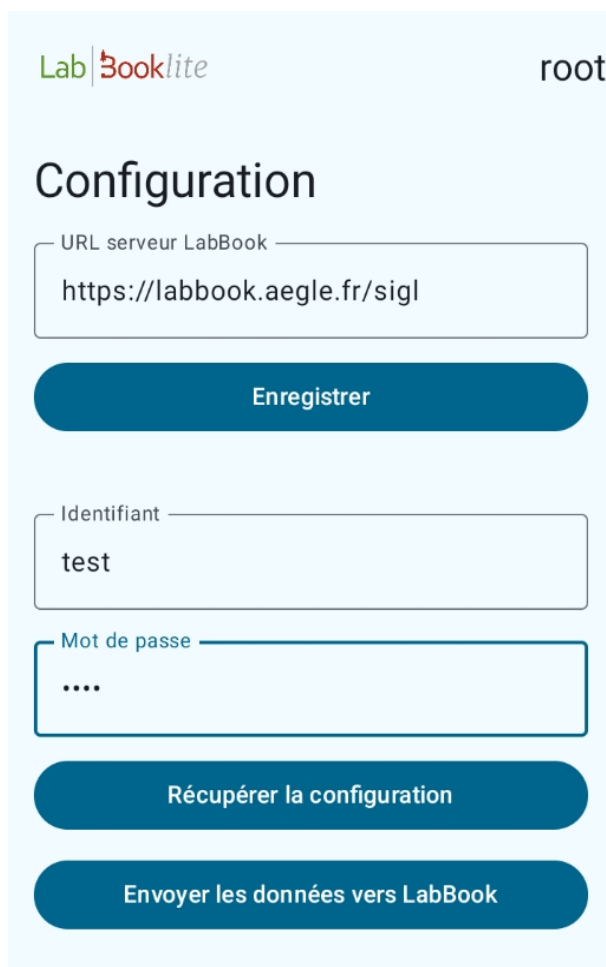
The screenshot shows the LabBooklite logo at the top. Below it, there is a login form with the following elements:

- A text input field containing the username "root".
- A password input field represented by four dots.
- A button labeled "CONNEXION".



Sending data to LabBook

Once on the root home page, click on the configuration button and enter the password for the configuration ID. Normally, the other information entered previously is already present; if not, enter it again and click on send data to LabBook.



Lab|Booklite root

Configuration

URL serveur LabBook

https://labbook.aegle.fr/sigl

Enregistrer

Identifiant

test

Mot de passe

....

Récupérer la configuration

Envoyer les données vers LabBook

If successful, the user receives a message indicating that the data has been sent successfully.

Checking data sent to LabBook

To check that the data has been sent, you need to log in as a biologist and check in the folder list whether the patient's "lite" folder appears. To view the patient's results, go to results entry.

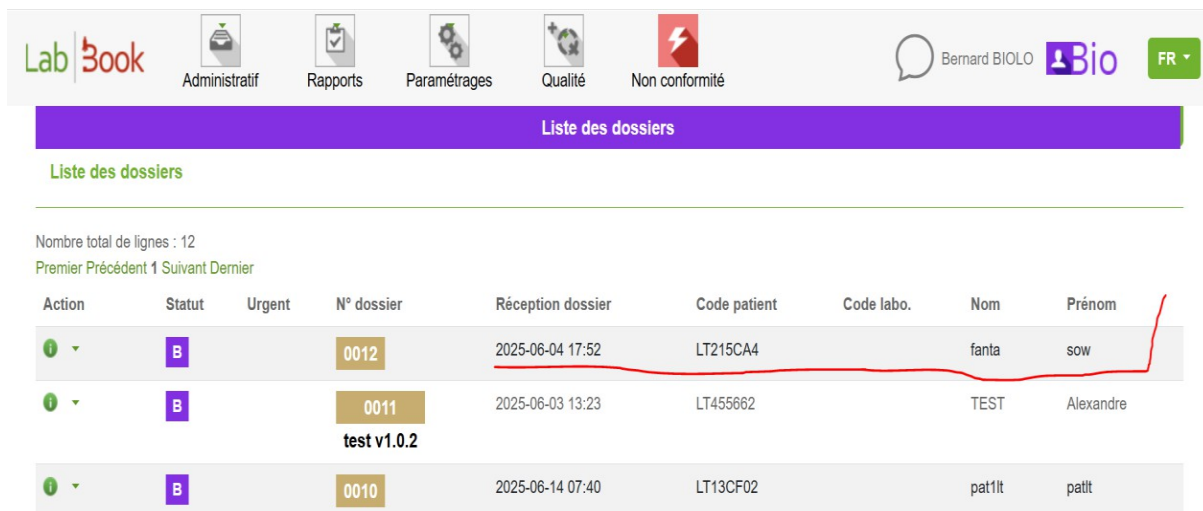
Notes :

- Patient codes synchronized by LabBook Lite begin with LT. When

synchronizing data with the server :

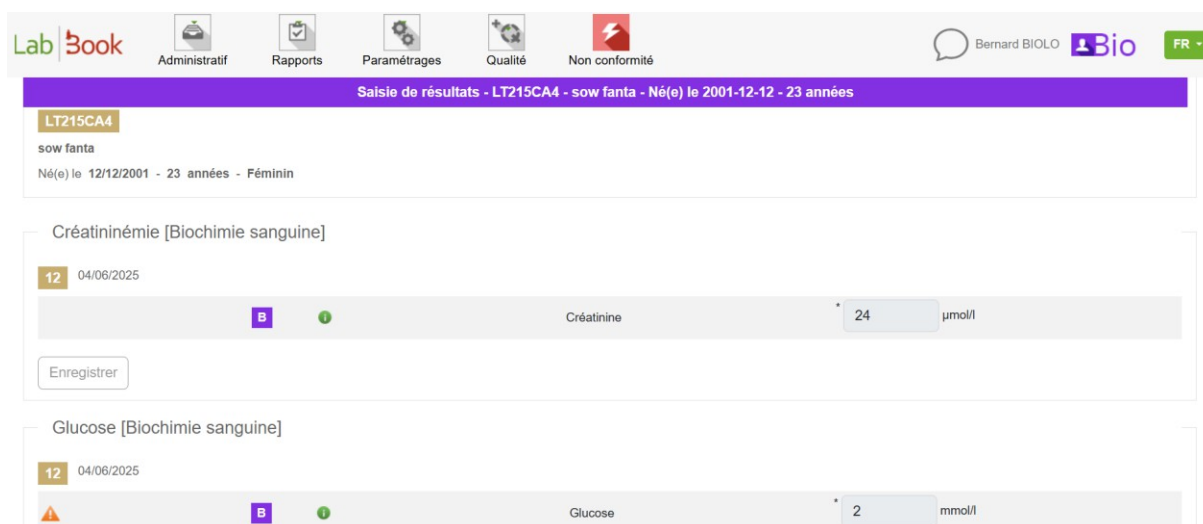
- If a "patient record" with a code LTxxxxxx does not exist in the server database, it is added.
- If a "patient record" with a code LTxxxxxx exists with the same sex and age, the existing record in the database is updated.

- If a "patient file" with a code LTxxxxxx exists, but with a different age or gender, then it is added to the database by creating a new unique code starting with LT for this new patient.



Nombre total de lignes : 12
Premier Précédent 1 Suivant Dernier

Action	Statut	Urgent	N° dossier	Réception dossier	Code patient	Code labo.	Nom	Prénom
			0012	2025-06-04 17:52	LT215CA4		fanta	sow
			0011	2025-06-03 13:23	LT455662		TEST	Alexandre
			test v1.0.2					
			0010	2025-06-14 07:40	LT13CF02		pat1lt	patlt



Saisie de résultats - LT215CA4 - sow fanta - Né(e) le 2001-12-12 - 23 années

LT215CA4
sow fanta
Né(e) le 12/12/2001 - 23 années - Féminin

Créatininémie [Biochimie sanguine]

12 04/06/2025

Créatinine * 24 µmol/l

Enregistrer

Glucose [Biochimie sanguine]

12 04/06/2025

Glucose * 2 mmol/l

Note1 :

Before updating LabBook Lite , you must send your data to the LabBook server.

Note2 :

To update the LabBook server, you must first repatriate data from active LabBook Lites, especially in the event of a major modification to the base structure.

Note3 :

To use LabBook Lite , the LabBook server must be set to https and the labbook certificate must also be added to the device where LabBook Lite is installed (see administrator manual).

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