



Galex Studio S.R.L.
IDNO 1015600012774
Moldova, Chisinau, str. Bernardazzi 68A

User Manual – Lab Animal Health.

Content.

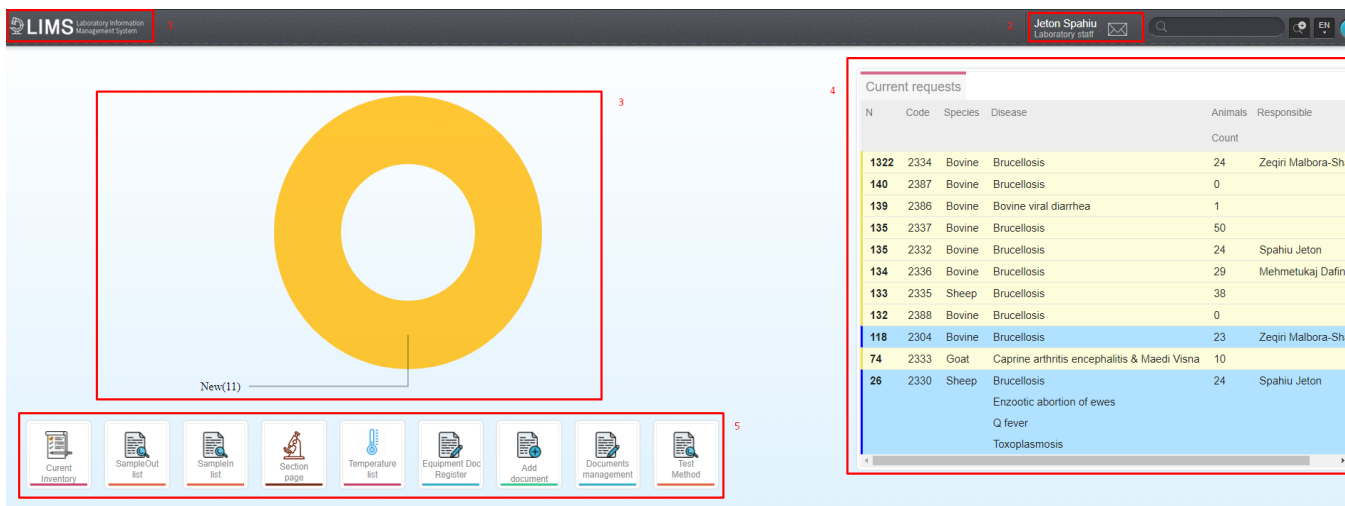
1. Login page.....	2
2. Desktop.....	3
3. Personal account, password change.....	4
4. Introducing results.....	5

1.Login page.



1. Field for entering a personal login.
2. Field for entering a password.
3. Login button.

2. Desktop.



The screenshot shows the LIMS desktop interface. At the top left is the LIMS logo (1). At the top right is the user profile 'Jeton Spahiu' (2). The main area features a large yellow donut chart (3) with a label 'New(11)' pointing to it. To the right is a table of 'Current requests' (4). At the bottom is a navigation bar with icons for various functions (5).

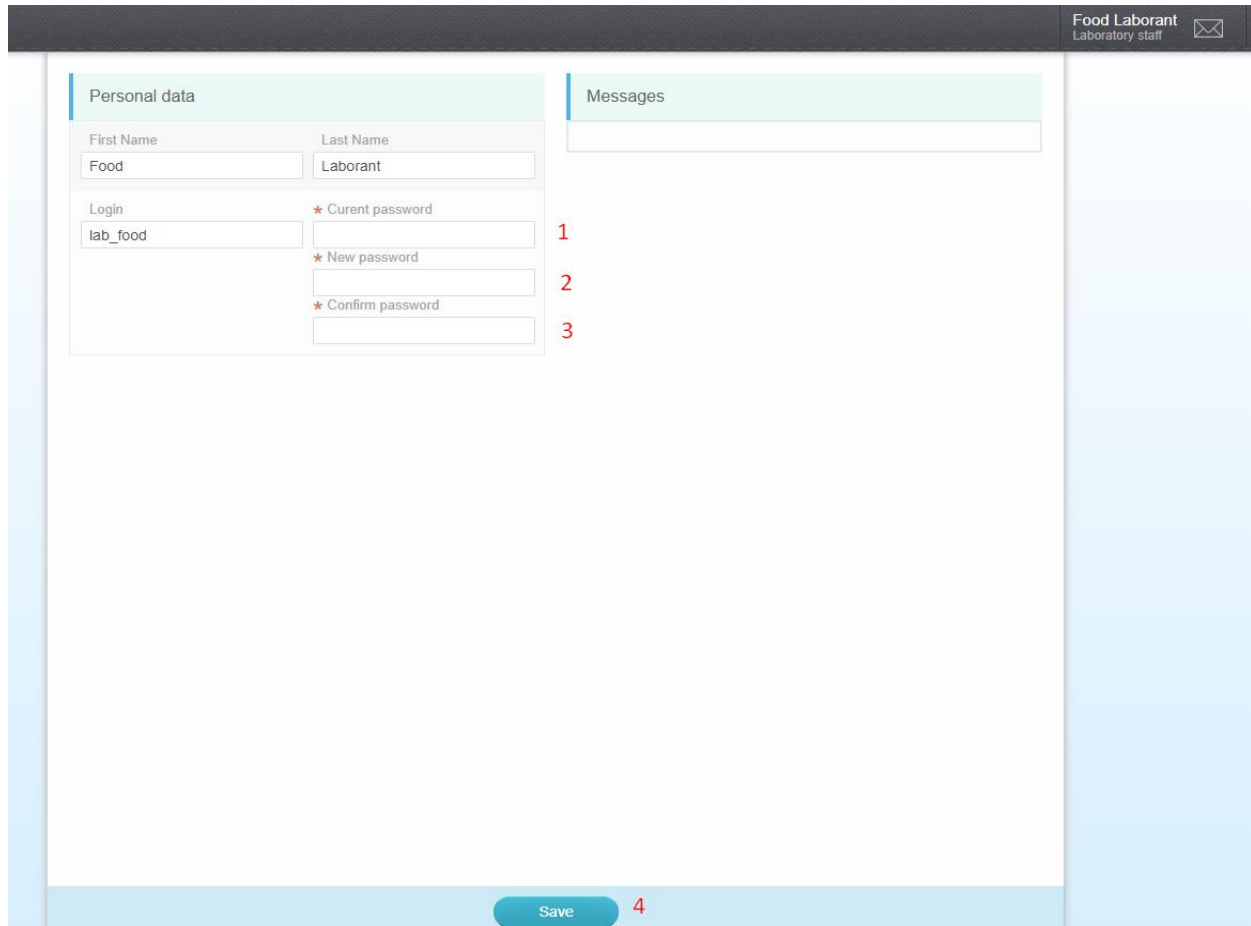
N	Code	Species	Disease	Animals	Responsible
1322	2334	Bovine	Brucellosis	24	Zeqiri Malbora-Sh
140	2387	Bovine	Brucellosis	0	
139	2386	Bovine	Bovine viral diarrhea	1	
135	2337	Bovine	Brucellosis	50	
135	2332	Bovine	Brucellosis	24	Spahiu Jeton
134	2336	Bovine	Brucellosis	29	Mehmetkaj Dafin
133	2335	Sheep	Brucellosis	38	
132	2388	Bovine	Brucellosis	0	
118	2304	Bovine	Brucellosis	23	Zeqiri Malbora-Sh
74	2333	Goat	Caprine arthritis encephalitis & Maedi Visna	10	
26	2330	Sheep	Brucellosis	24	Spahiu Jeton
			Enzootic abortion of ewes		
			Q fever		
			Toxoplasmosis		

1. To get to the main page of the "LIMS" system, click on the logo, which is located in the upper left corner (1).
2. By clicking on the name in the upper right corner, the user enters his personal account (2).
3. Under number (3) is a diagram that displays the number of samples in each status.
4. "Samples in progress" area - a list of all samples in progress (4).
5. Navigation (5) - this area consists of buttons that allow you to enter the pages available for this user.

3. Personal account, password change.

+373 69 151 470

info@galex.md



Food Laborant
Laboratory staff

Personal data

First Name: Food

Last Name: Laborant

Login: lab_food

★ Current password

★ New password

★ Confirm password

Messages

Save

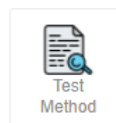
In the "Personal data" area, the user has the option to change the password by doing the following:

1. Enter the current password;
2. Enter a new password;
3. Re-enter the new password (confirm the new password);
4. Click the "Save" button to save the changes.

4. Introducing results.




+373 69 151 470

info@galex.md





To open the list with test methods, click on the icon “TestMethods”


A new window opens with fields that has list of requests for this department.

TEST METHOD > [EDIT THE FIELD LIST](#)   

Code: AnimalSickness: Investigation Type:

Species: Responsible: Laboratory Register Date: -

 Statistics: 0 min 0 sec

records on page shown 3 from 3 records

CODE	ANIMALS#	INVESTIGATION TYPE	SPECIES	DISEASE	RESPONSIBLE	LABORATORY REGISTER DATE
2386	1	Serology/Reception	Bovine	Bovine viral diarrhea		02/07/2021
2387	30	Serology/Reception	Bovine	Brucellosis		04/07/2021
2388	48	Serology/Reception	Bovine	Brucellosis		04/07/2021

Select a request from the list, click on it, Popup window will open with possibility to choose Test Method.

Settings

Test Methods

BVD Ab ELISA (SMD)

BVD Ag ELISA (SMD)

After click Ok a new window will open.

Sample (New)

Sample name 1

Quantity 2

Unit 3

Sample type 4

Section 5 Serology and Molecular Diagnosis

Start date 6

Date of testing completion 7

Responsible 8

Additional Info 9

Search by Animal:

#	Animal	Test Method	Analytic Method 10	Remark 11	Value 12	Result 13
1	2021/139/S/1	BVD Ab ELISA (SMD)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2	2021/139/S/1	BVD Ag ELISA (SMD)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

10 records on page

shown 2 from 2 records

+

SUPLIES

+

DOCUMENTS

REJECTED OF SAMPLE


Save

Confirm




Advanced

The first section “Sample” has to be filled in.

Sample (New)

Sample name **1**  Quantity **2** Unit **3**

Sample type **4** Section **5**

Start date **6**  Date of testing completion  **7** Responsible **8** 



Additional Info **9**

1. Sample name - enter the value
2. Quantity - enter the value
3. Unit - enter the value
4. Sample type - select from drop down list the value
5. Section – by default is filled by the system
6. Start date – chose the date
7. Date of testing completion – chose the date
8. Responsible - enter the value

There are two ways to introduce the results :

I. You need to fill in the Section **Results** manually.

Search by Animal:

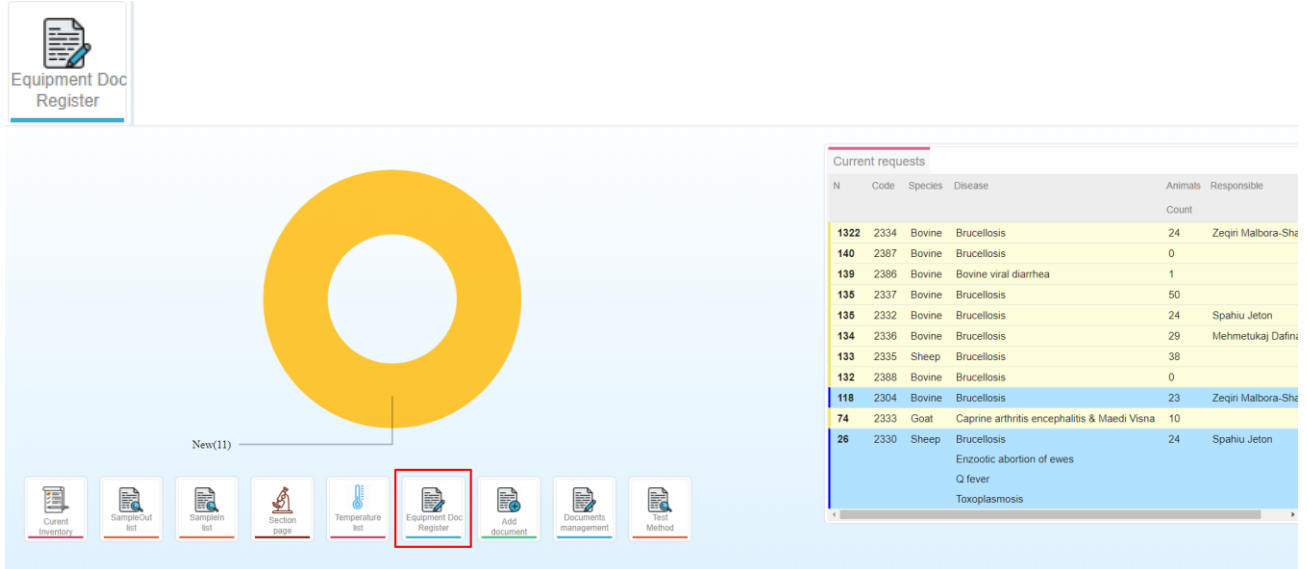
#	Animal	Test Method	Analytic Method 1	Remark 2	Value 3	Result 4
1	2021/139/S/1	BVD Ab ELISA (SMD)	<input type="text"/> 	<input type="text"/>	<input type="text"/>	<input type="text"/>
2	2021/139/S/1	BVD Ag ELISA (SMD)	<input type="text"/> 	<input type="text"/>	<input type="text"/>	<input type="text"/>

records on page shown 2 from 2 records

1. Analytic Method – select from drop down list the value;
2. Remark - enter the value
3. Value - enter the value;
4. Result - enter the value;

II. Results are introduced from equipment

Accessing to the results from equipment from Dashboard button “Equipment Doc Register”



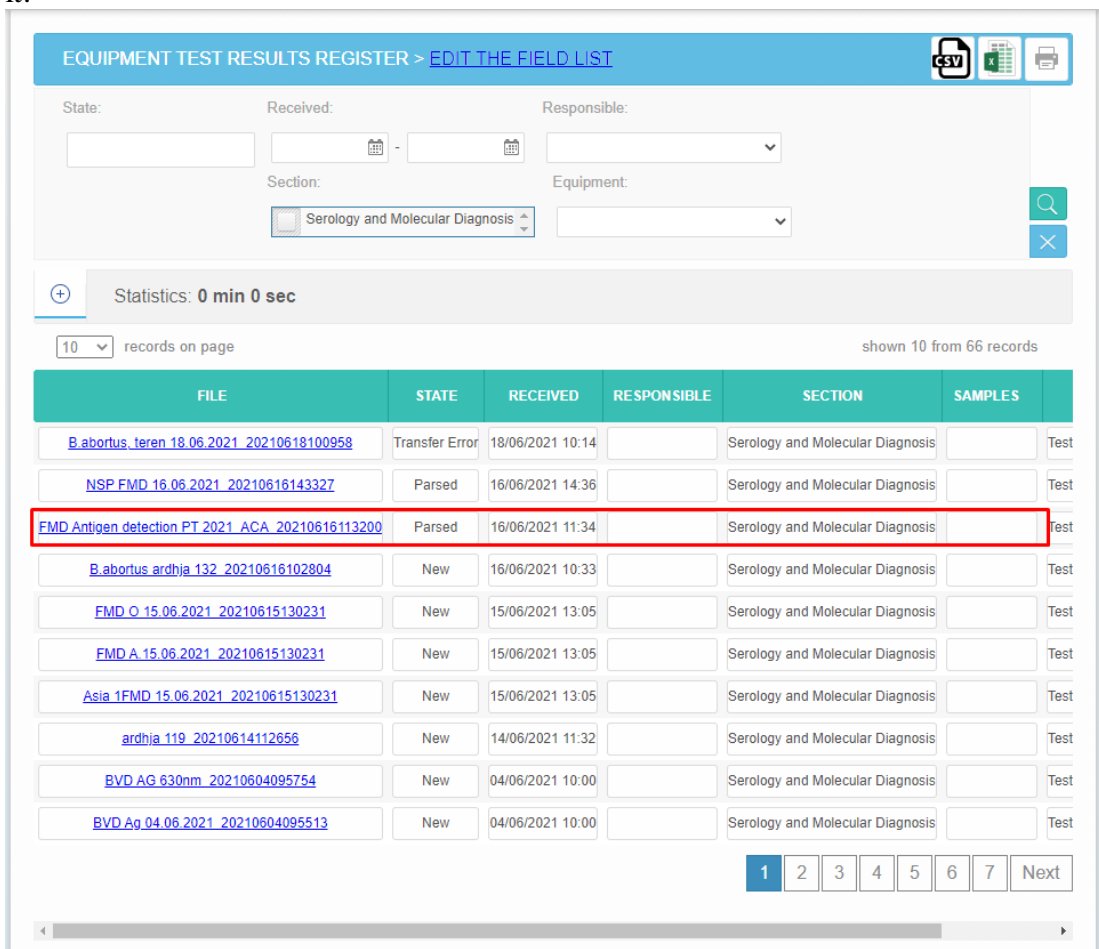
Equipment Doc Register

New(11)

Current requests

N	Code	Species	Disease	Animals Count	Responsible
1322	2334	Bovine	Brucellosis	24	Zeqin Malbora-Sh
140	2387	Bovine	Brucellosis	0	
139	2386	Bovine	Bovine viral diarrhea	1	
135	2337	Bovine	Brucellosis	50	
135	2332	Bovine	Brucellosis	24	Spahiu Jeton
134	2336	Bovine	Brucellosis	29	Mehmetkaj Dafin
133	2335	Sheep	Brucellosis	38	
132	2388	Bovine	Brucellosis	0	
118	2304	Bovine	Brucellosis	23	Zeqin Malbora-Sh
74	2333	Goat	Caprine arthritis encephalitis & Maedi Visna	10	
26	2330	Sheep	Brucellosis	24	Spahiu Jeton
			Enzootic abortion of ewes		
			Q fever		
			Toxoplasmosis		

Window with all exported files from equipment will open. Choosing correct document clicking on it:



EQUIPMENT TEST RESULTS REGISTER > [EDIT THE FIELD LIST](#)

State: Received: Responsible: Section: Equipment:

Statistics: 0 min 0 sec

10 records on page shown 10 from 66 records

FILE	STATE	RECEIVED	RESPONSIBLE	SECTION	SAMPLES	Test
B.abortus_teren_18.06.2021_20210618100958	Transfer Error	18/06/2021 10:14		Serology and Molecular Diagnosis		Test
NSP FMD 16.06.2021_20210616143327	Parsed	16/06/2021 14:36		Serology and Molecular Diagnosis		Test
FMD Antigen detection PT 2021_ACA_20210616113200	Parsed	16/06/2021 11:34		Serology and Molecular Diagnosis		Test
B.abortus_ardhja_132_20210616102804	New	16/06/2021 10:33		Serology and Molecular Diagnosis		Test
FMD O 15.06.2021_20210615130231	New	15/06/2021 13:05		Serology and Molecular Diagnosis		Test
FMD A 15.06.2021_20210615130231	New	15/06/2021 13:05		Serology and Molecular Diagnosis		Test
Asia 1FMD 15.06.2021_20210615130231	New	15/06/2021 13:05		Serology and Molecular Diagnosis		Test
ardhja_119_20210614112656	New	14/06/2021 11:32		Serology and Molecular Diagnosis		Test
BVD AG 630nm_20210604095754	New	04/06/2021 10:00		Serology and Molecular Diagnosis		Test
BVD Ag 04.06.2021_20210604095513	New	04/06/2021 10:00		Serology and Molecular Diagnosis		Test

1 2 3 4 5 6 7 Next

Settings

Consumable 1 Brucellosis ELISA
★ Parameter 2 Brucellosis Ab ELISA

3 Formula Description: $\text{abs}(\text{Value-NegC})/\text{abs}(\text{PosC-NegC}) \times 100$
★ Formula 4 Indirect ELISA

Controls 5

Control	OD1	OD2	Average	Valid
NegC	0.0562	0.0397	0.048	valid
PosC	0.756	0.7528	0.7544	valid

Sample Data Double Check ☒











Sample	OD1	OD2	Average	S/P %	Result	
6 2021/132/S/1 7		0.7613	0.7244	0.7428	98.36	positive
2021/132/S/2	0.091	0.1613	0.1261	11.06	negative	
2021/132/S/3	0.5645	0.5773	0.5709	74.02	negative	
2021/132/S/4	0.3527	0.3578	0.3552	43.49	negative	
2021/132/S/5	0.1001	0.1171	0.1086	8.58	negative	
2021/132/S/6	0.6809	0.6278	0.6544	85.84	positive	
2021/132/S/7	0.0767	0.0645	0.0706	3.2	negative	
2021/132/S/8	0.1034	0.1103	0.1068	8.32	negative	

Save
Back

1. Consumable – selected from dropdown
2. Parameter - selected from dropdown
3. Formula Description – set by default by the system (set from control panel)
4. Formula - selected from dropdown
5. Controls section – calculated automatically
6. Sample – fields filled manually
7. Order Numbering of samples

Results are filled automatically from the file exported from equipment.
 After clicking on Save all results are gone to the appropriate Sample page:

Search by Animal:

#	Animal	Test Method	Analytic Method	Remark	Value	Result
1	2021/132/S/1	Brucellosis Ab ELISA	<input type="text"/> 	<input type="text"/>	98.36	Positive
2	2021/132/S/2	Brucellosis Ab ELISA	<input type="text"/> 	<input type="text"/>	11.06	Negative
3	2021/132/S/3	Brucellosis Ab ELISA	<input type="text"/> 	<input type="text"/>	74.02	Negative
4	2021/132/S/4	Brucellosis Ab ELISA	<input type="text"/> 	<input type="text"/>	43.49	Negative
5	2021/132/S/5	Brucellosis Ab ELISA	<input type="text"/> 	<input type="text"/>	8.58	Negative
6	2021/132/S/6	Brucellosis Ab ELISA	<input type="text"/> 	<input type="text"/>	85.84	Positive
7	2021/132/S/7	Brucellosis Ab ELISA	<input type="text"/> 	<input type="text"/>	3.2	Negative
8	2021/132/S/8	Brucellosis Ab ELISA	<input type="text"/> 	<input type="text"/>	8.32	Negative
9	2021/132/S/9	Brucellosis Ab ELISA	<input type="text"/> 	<input type="text"/>	56.77	Negative
10	2021/132/S/10	Brucellosis Ab ELISA	<input type="text"/> 	<input type="text"/>	13.43	Negative

10 records on page shown 10 from 24 records 1 2 3 Next

If Sample is rejected, fill in this block *Sample reject*.

Sample reject

1 ☐ Rejected 2 Date rejection Time: 3 Rejection case

Rejection information 4

1. Rejected - put a tick;

Date rejection: Time: Rejection case:

March 2021

Su	Mo	Tu	We	Th	Fr	Sa
		1	2	3	4	5
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

document

Today Clear

2. Data rejection and time -
3. Rejection case - select the value from the list;
4. Rejection information - add information.

After all the fields are filled in, click save

