

MiLab

29/07/2025 1:55 pm BST

Summary

Merlin integrates with MiLab which can be accessed through the General Lab screen.

This functionality allows you to send Patients from the system onto the Lab equipment and transfer the results back to the Patient's record.

Details

Create a MiLab Request

The first step is to 'Check In' a Patient to the lab equipment.

1. Select a Patient from Reception, daylist or diary.
2. Select the 'Lab' Button.

The screenshot shows the 'Reception' screen. At the top, there's a toolbar with various icons. Below that, there's a 'Client Details' section with fields for Title, Surname, First Name, Chip, ID, Stable, Reg. Date, Patient, and Category. To the right of these fields, there's a 'Lab' button highlighted with a red box. Other buttons like 'Add', 'Details', 'Deactivate', 'Clipper', 'Treatment', 'Make Appt', 'Consent', and 'Join HCP' are also visible.

3. Once you have entered this screen, select the 'MiLab' tab. Select the 'Create Lab Request' button to proceed.

The screenshot shows the 'General Lab' screen. At the top, there's a toolbar with buttons for 'Analyser', 'Lab Request', 'Lab Results', 'IDEXX InterLink', 'MiLab' (highlighted with a red box), and 'Vet Scan Fuse'. Below the toolbar, there's a 'Create Lab Request' button highlighted with a red box. There are also fields for 'From' and 'To' dates, a 'Status' dropdown, and a table with columns for 'Conversation ID', 'Patient ID', 'Date', and 'Client'.

The screenshot shows the 'MiLab New Order' window. At the top, there's a toolbar with buttons for 'Create Request' (highlighted with a red box) and 'Exit'. Below the toolbar, there's a form with fields for 'Surgeon', 'MiLab Gender', 'Species', and 'Breed'. At the bottom, there's a table with columns for 'Code', 'Code Name', and 'Select'.

Code	Code Name	Select
CP	Comprehensive Panel	☐
PSP	Pre-Surgical Panel	☐

4. Once selected, the below window will display. Select the Request/s from the list and again, select the 'Create Request' button to proceed and send the request to the MiLab machine.

General Lab

Analyser Lab Request Lab Results IDEXX InterLink **MiLab** Vet Scan Fuse

+ Create Lab Request Transfer Refresh

From 29/07/2025 To 29/07/2025 Status [ALL]

Conversation ID	Patient ID	Date	Client
a7834482-91c9-40ce-a83a-a6552049...	1266551	29/07/2025 13:50	Ms&Mrs A. Jupiter

MiLab New Order

Create Request Exit

Surgeon: All

MiLab Gender: MALE NEUTERED

Species: Canine

Breed: Pharaoh Hound

Code	Code Name	Select
CP	Comprehensive Panel	☒
PSP	Pre-Surgical Panel	☐
KP	Kidney Panel	☐
LD	Liver Panel	☐

Viewing Results

Results will show under the MiLab tab as shown below, together with their current status. To view results, double click on a request from the list.

General Lab							
Analyser Lab Request Lab Results IDEXX InterLink MiLab Vet Scan Fuse							
+ Create Lab Request Transfer Refresh							
From 29/07/2025 To 29/07/2025 Status [ALL]							
Conversation ID	Patient ID	Date	Client	Patient	Machine	Status	Order Codes
a7834482-91c9-40ce-a83a-a6552049...	1266551	29/07/2025 13:50	Ms&Mrs A. Jupiter	Dobby	MiLab	Requested	CP
d33246e6-a032-4e72-ad23-76f0774e...	1266551	29/07/2025 13:51	Ms&Mrs A. Jupiter	Dobby	MiLab	Requested	CP

The below window will appear with results from the MiLab machine. You have the option to Print as a PDF format or export to a CSV.

Lab Results for Dobby

Print Print Idexx Report Exit

External Lab Results

Patient ID: 1266551 Doctor: All

Patient: Dobby Conversation ID: a7834482-91c9-40ce-a83a-a65520493d9d

Results On: 29/07/2025 13:50 Orders: CP

Species: Canine

Result Type: MiLab

Machine Name: MiLab

N.	Machine Name	Test Name	Range	Result	Units	Reference Range
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The results will appear as shown below:-

Species / Breed:		Cat			
Age:		09/09/2019 (4 Yrs 11 Mths)			
Sex / Weight:		Male Neutered / Unknown			
 Low Result		 High Result			
Test	Result	Units	Ref Interval		
Fuji NX500					
Pre-Surgical Panel					
Total Protein	76.0	g/L	56.00 - 81.00		
ALP	27	U/L@37°C	11.00 - 67.00		
ALT	31	U/L@37°C	18.00 - 84.00		
Urea	9.4	mmol/L	6.10 - 12.50		
Creatinine	108	µmol/L	45.00 - 156.00		
Glucose	8.9	mmol/L	HIGH	3.80 - 8.20	
Electrolytes Profile					
Sodium	154	mmol/L	140.00 - 157.00		
Potassium	2.6	mmol/L	LOW	3.40 - 5.60	
Na/K Ratio	59.23		HIGH	26.00 - 40.00	
Chloride	116	mmol/L	111.00 - 129.00		

Results can also be viewed via the Patient's history screen.

Any lab requests done directly from the MiLab machine will still show in the results list but they will not be saved in the patients history. To do this click on the test result, select the Transfer button, search for the relevant client and patient and press transfer.

