



Antech™ Diagnostics

User Guide

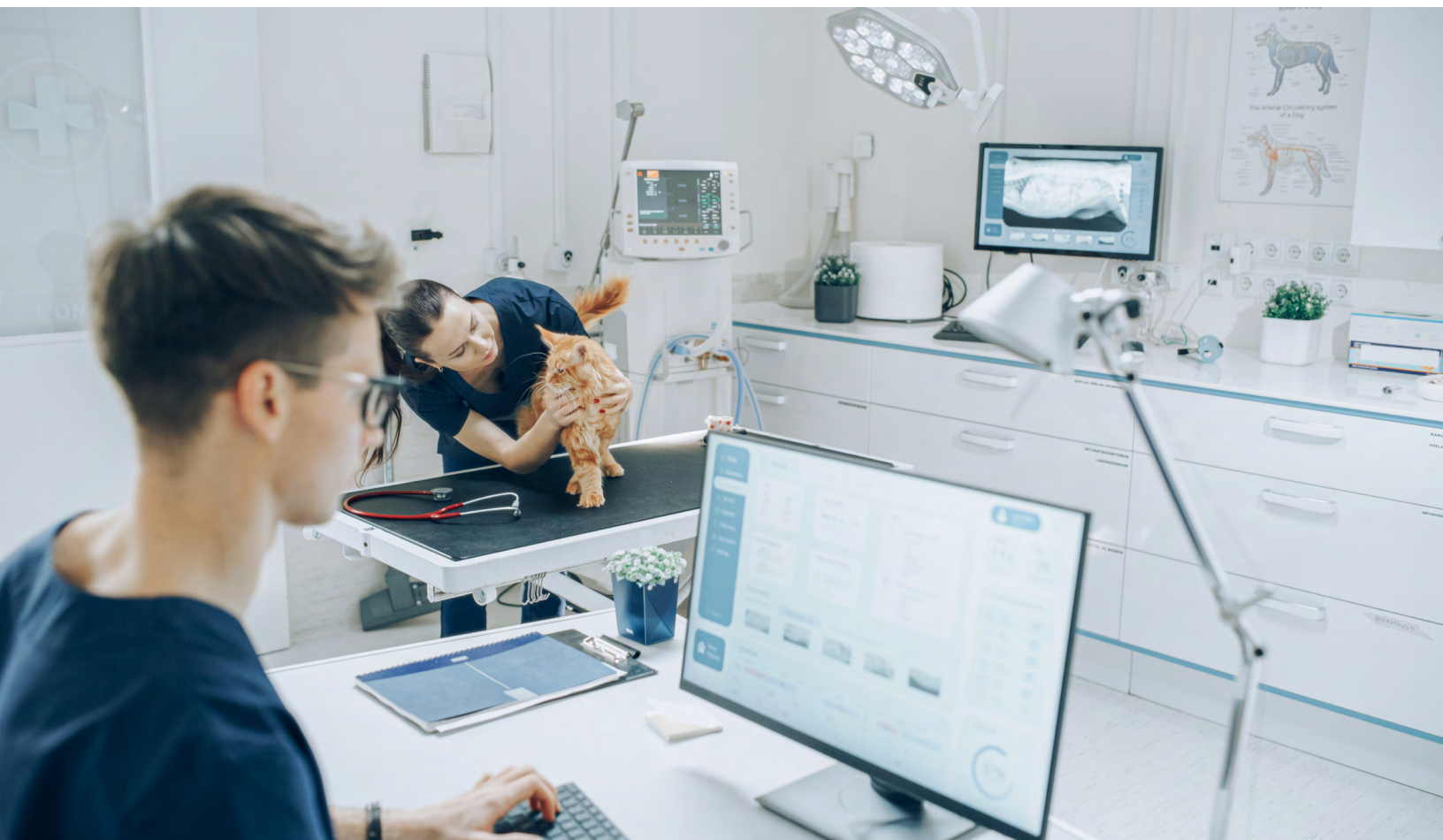


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Introduction

The Lab Integrations Module is designed to allow in-house lab equipment and reference labs to integrate with the patient's electronic medical record. Currently Impromed® integrates with numerous in-house laboratory equipment vendors as well as reference labs.

In order to allow any integrations to take place, the following is necessary:

- The Lab Integrations Module.
- Impromed's Universal Lab Reader service.
- Communication between the in-house lab equipment and the Impromed workstation or network.

Impromed has the lab Requests feature within Lab Integrations which allows the lab to be invoiced and electronically filed with only a few steps.

For Antech Diagnostics, Impromed offers the complete lab solution, including scanned requests, tests run, and automatic results, allowing for lab work to be charged at the time it is ordered. Eliminating all manual entry of information allows for all the information to become part of the patient's medical record.

The Universal Lab Reader can be configured to automatically download the results to be imported into the patient's medical record. Users will need the following information from their Antech Representative:

- Antech ID
- Region
- Clinic ID
- Username
- Password

Universal Lab Reader

Impromed has created a lab reader service that enables all lab equipment and reference laboratories to run using the same lab reader instead of having to install lab readers for each integration. The Universal Lab Reader (ULR) provides a console service that can only run when the service is not, but this is a helpful troubleshooting tool when communication complications arise.

Configure the Universal Lab Reader

Install the Universal Lab Reader

1. Log in as **Administrator** on the workstation closest to the Analyzer.
2. Click **Start > Run >** type `\\pdc1` (*Note: This is an Impromed standard naming convention. Your server name may vary*).
3. Double-click on the **Program DVD** folder.
4. Double-click on the version folder.
5. Double-click on the **ImpromedUniversalLabReader** folder.
6. Double-click on the next **ImpromedUniversalLabReader** folder.
7. Double-click on the **Builds** folder.
8. Double-click on the **version** folder. *At the time of this writing, the version is 25.10.3.68.*
9. Double-click on the **Setup ImproMed Universal Lab Reader.exe** file.
10. Accept the default values when prompted.
11. Close when the installation is complete.

Configure the Lab Reader for Antech

1. Click **Start** > **[All] Programs** > **Impromed Universal Lab Reader** > **Configure ULR**.
2. Click  for the Working Folder location.



The Lab folder must be a local folder and does NOT need to be shared.

3. Select the **Labs** folder. When the Universal Lab Reader is installed, the Labs folder is automatically created on the Local C Disk.
4. Click **OK**.
5. Enter the **SQL Server** (i.e. pdc1\Impromed) (**Note: This is an Impromed standard naming convention. Your server name may vary**).
6. Click  to connect to the SQL Server entered.
7. Select the **Database Name** (i.e. Impromed).
8. Click **Apply** to save the information entered into the Setup Universal Lab Reader window.
9. Click **Add Lab Service**.
10. Select **Antech/Zoasis**.
11. Select a **Practice**.
12. Select the **Download Frequency**.
13. Enter the **Antech Account ID, Clinic ID, User Name, and Password**.
14. Select the **Lab Region**.
15. Click **OK**.
16. Click **Apply** to save the settings.
17. Click **Start** to begin the service or click **OK** to close the Setup Universal Lab Reader window.

Using the Universal Lab Reader Console

The Universal Lab Reader Console is a useful tool used for troubleshooting why lab results are not appearing in Impromed. Similar to other console services that Impromed produces, this console cannot run while the Impromed Universal Lab Reader service is running.

To run the Universal Lab Reader Console, follow these steps:

1. Click **Start > [All] Programs > Impromed Universal Lab Reader > Configure ULR**.
2. This opens the reader.
3. Click **Stop**. This will stop the reader service.
4. Click **OK** to close the reader.
5. Click **Start > [All] Programs > Impromed Universal Lab Reader > ULR Console**.
6. Close the console window when you are finished.
7. Repeat steps 1 and when you get to step 2 click **Start** to restart the reader service.

Here are some helpful tips on the Lab Reader Console:

- The console displays error messages for:
 - ◇ Folder problems
 - ◇ Communication problems
 - ◇ SQL problems
- The console displays lab results as they are transferred.

Antech Request

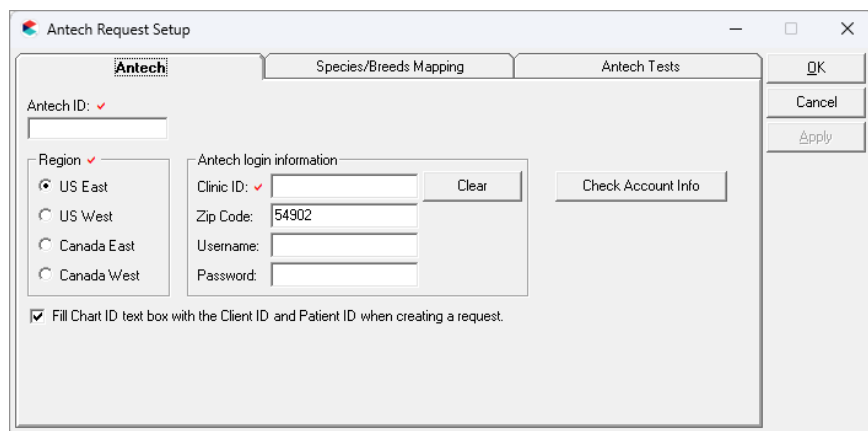
Antech Requests follow the same general flow as other lab requests. An Antech request is initiated by the user clicking the New button from the Requests tab of the Lab Integration module, selecting the New Request (Travel Sheet), and selecting the desired test from the sheet. Antech lab requests can also be created through Product Attachments. Once created, the selection prints out the Request Form that contains all of the unique information necessary for the Antech Labs to process and return the result through Antech.

Contained on this form is the unique barcode used in the Antech Lab, which contains a unique requisition number created by the Impromed application. This requisition number allows Antech lab results to be automatically imported into the patient record.

Setup Antech Requests

Due to the deeply integrated nature of the Antech Request feature, more detailed setup is required. **Note:** *This setup is done **per business**.*

1. Click  > **Setup > Lab Integrations > Antech Requests.**



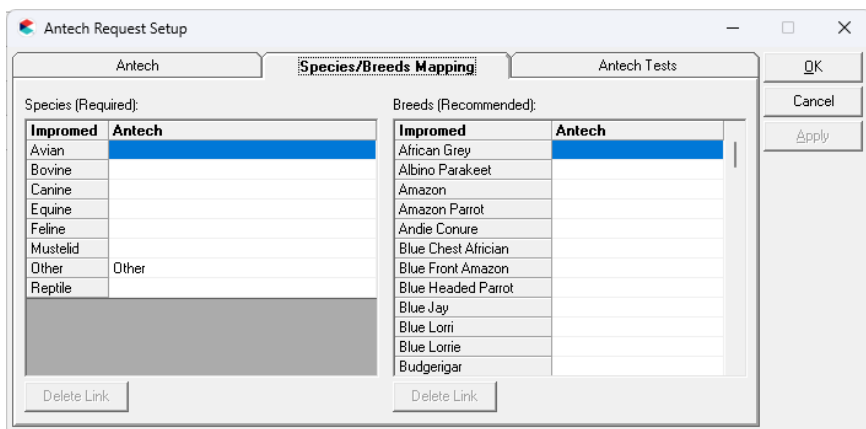
The image shows a screenshot of the 'Antech Request Setup' dialog box. It has three tabs: 'Antech', 'Species/Breeds Mapping', and 'Antech Tests'. The 'Antech' tab is active. It contains the following fields and controls:

- Antech ID:** A text box with a red checkmark icon to its left.
- Region:** A dropdown menu with a red checkmark icon, showing 'US East' selected. Other options are 'US West', 'Canada East', and 'Canada West'.
- Antech login information:** A section containing:
 - Clinic ID:** A text box with a red checkmark icon and a 'Clear' button next to it.
 - Zip Code:** A text box with the value '54902'.
 - Username:** A text box.
 - Password:** A text box.
 - Check Account Info:** A button.
- Fill Chart ID text box with the Client ID and Patient ID when creating a request:** A checkbox that is checked.
- Buttons:** 'OK', 'Cancel', and 'Apply' buttons are located on the right side of the dialog.

2. The **Antech ID** and **Region** will need to be provided by the business. Antech maintains a different list of tests in each of their regions.
3. The **Antech login information** should be the same as what is entered in the Universal Lab Reader.
4. Choose how to fill the **Chart ID** box within the request. When a request is printed, the Chart ID is printed as the Chart Number within the header section.
5. Click **Check Account Info** to verify the information valid for submission purposes.

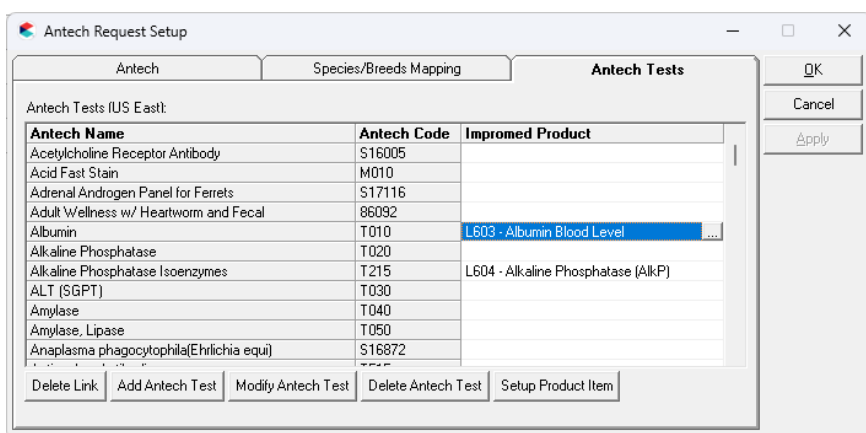
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- The **Species/Breeds Mapping** tab allows the Impromed Species and Breed lists to be matched up to the Antech Species and Breed lists. Any species or breed that is not linked will be prompted for when the request is generated.



Species (Required)		Breeds (Recommended)	
Impromed	Antech	Impromed	Antech
Avian		African Grey	
Bovine		Albino Parakeet	
Canine		Amazon	
Equine		Amazon Parrot	
Feline		Andie Conure	
Mustelid		Blue Chest African	
Other	Other	Blue Front Amazon	
Reptile		Blue Headed Parrot	
		Blue Jay	
		Blue Loni	
		Blue Lorie	
		Budgerigar	

- The **Antech Tests** tab provides a list of the Antech Tests and can be linked to Impromed Product codes. This product mapping must be completed before the Antech items can be placed on a request sheet or as a product attachment. In the event an Antech Test does not have a corresponding product entry in Impromed, the **Setup Product Item** screen can be called directly from this setup screen using the **Setup Product Item** button located at the bottom of the screen. In the event an Impromed product is incorrectly linked to an Antech Test, the **Delete Antech Test** button will remove the link and allow for the correct link to be created.



Antech Name	Antech Code	Impromed Product
Acetylcholine Receptor Antibody	S16005	
Acid Fast Stain	M010	
Adrenal Androgen Panel for Ferrets	S17116	
Adult Wellness w/ Heartworm and Fecal	86092	
Albumin	T010	L603 - Albumin Blood Level
Alkaline Phosphatase	T020	
Alkaline Phosphatase Isoenzymes	T215	L604 - Alkaline Phosphatase (AlkP)
ALT (SGPT)	T030	
Amylase	T040	
Amylase, Lipase	T050	
Anaplasma phagocytophila(Ehrlichia equi)	S16872	

- Since Antech provides customized testing to different regions and veterinarians, Impromed allows users to manually add those specific tests. Click the **Add Antech Test** to create a new Antech Test which displays with the existing list. Users can make changes to the test name by clicking **Modify Antech Test**; however, this only allows changes to the test created by the business.
- If users incorrectly link an Antech Test and Impromed product, highlight the row and click **Delete Link**.

Creating Antech Requests

Lab requests to Antech can be created from Product Attachments or from a Travel Sheet.

Creating an Antech Request from Product Attachments

Follow the steps to add products as a Product Attachment to create lab requests.



An Impromed product must be linked to the Antech Test before it can be a product attachment to create lab requests.

1. Go to  > **Setup > Products > Product Attachments**.
2. Select a product linked to Antech.
3. Under **Attachment Type**, select **Create Lab Requests**.
4. Click **Maintain**.
5. Select **Antech Requests** then click **OK**.
6. Repeat to add additional products linked to Antech Requests.
7. Click **OK** to close Setup Product Attachments.

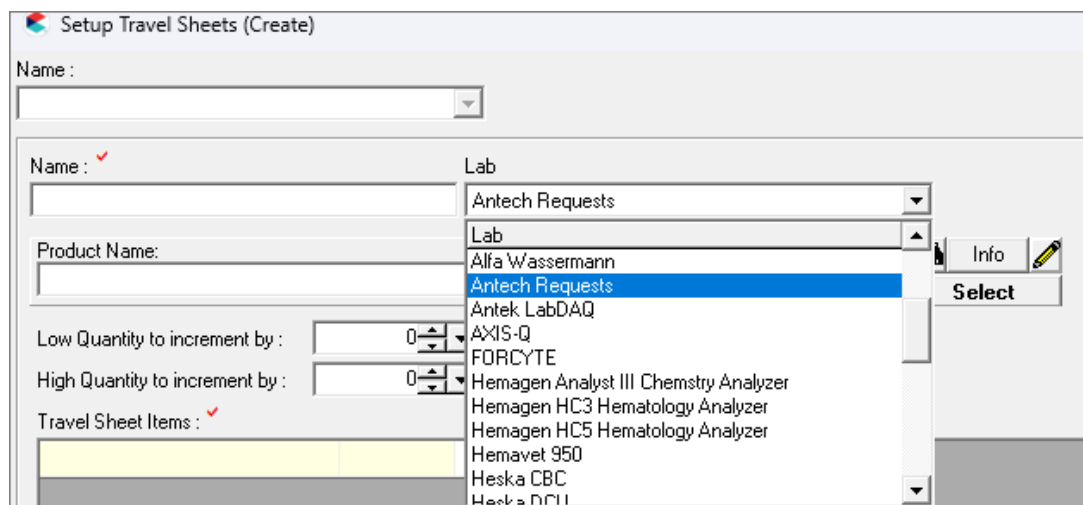
Create a Request from Product Attachments

1. Select the client/patient.
2. Open **Invoices**.
3. Add the products attached to Antech Requests.
4. Click **OK** when all products to create an Antech Request have been added to the invoice.
5. Click **Conclude** to complete the invoice and generate the requests.

Creating an Antech Request Travel Sheet

Set up the Antech Requests travel sheet to create lab requests for Antech tests. **Note: The Travel Sheets Module is required to use the Lab Requests feature.**

1. Go to  > **Setup > Travel Sheets**.
2. Click **Create** for **Mode**.
3. Enter the **Name** for the Antech Request travel sheet.
4. From the **Lab** drop-down list, select **Antech Requests**.



5. Select the **Product Name (Code or BarCode)** to add to the travel sheet.



An Impromed product must be linked to the Antech Test before it can be a product added to an Antech Request travel sheet.

6. Click **Add to Sheet**.
7. Continue to select products and add to the travel sheet until finished.
8. Click **OK** to save and close the travel sheet.

Creating a New Travel Sheet Request

1. Click  > **Modules > Lab Integrations**.
2. Select the client and patient.
3. On the **Requests** tab, click **New > New Request (Travel Sheet)**.
4. Select an **Employee**, if prompted.
5. Choose the **Antech Requests** sheet from the **Selected Sheet** drop-down list.
6. Verify a **Provider** is selected.
7. Change the **Date Performed**, if necessary.
8. Change the **Time Performed**, if necessary.
9. Select a **SuperMode**, if necessary.
10. Enter **Comments**, if desired.
11. Select the items on the sheet that you wish to request.
12. Click **Create**.
13. Click **OK** to the Move Products Transfer Screen. This screen verifies that the products you selected on the Travel Sheet are correct and can be moved to the selected destination.
14. The on screen preview of the paperwork that gets shipped with the sample to Antech is displayed.
15. Click **Print**.
16. Click **Close**.

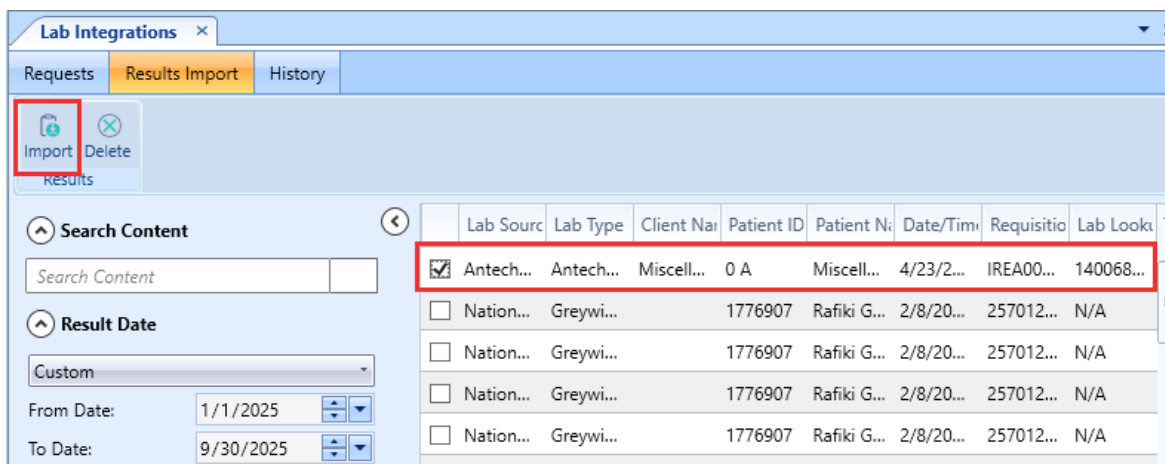
Importing Lab Results

When client and patient information matches the lab results, the lab results will import directly into the patient's medical record. Imported Antech lab results can be viewed from the Lab Integrations module or from the patient's medical record.

Import Orphan Results

If lab results do not import automatically, manually import them from the Results Import tab and capture charges.

1. Go to  > **Lab Integrations** > **Results Import** tab.
2. Select the result then click **Import**.



Lab Source	Lab Type	Client Name	Patient ID	Patient Name	Date/Time	Requisition	Lab Look
☒ Antech...	Antech...	Miscell...	0 A	Miscell...	4/23/2...	IREA00...	140068...
☐ Nation...	Greywi...		1776907	Rafiki G...	2/8/20...	257012...	N/A
☐ Nation...	Greywi...		1776907	Rafiki G...	2/8/20...	257012...	N/A
☐ Nation...	Greywi...		1776907	Rafiki G...	2/8/20...	257012...	N/A
☐ Nation...	Greywi...		1776907	Rafiki G...	2/8/20...	257012...	N/A

3. The **Import Lab Selection** window appears, enabling the operator to search for and select the appropriate client and patient for importing the lab result.
4. Under **Import Destination**, if the client and patient is listed, then use **Select Open Lab Request**.
5. If the client and patient are not listed, use the **Find Client/Patient** option to search for the client/patient.
 - a. Click **Find** to open the Find window which provides more options to search for the client/patient.
 - b. Use the **Client** and/or **Patient Quick Search** fields if the client and patient are known.
6. Click **Select & Invoice** if the client was not invoiced for the lab. Click **Select & Import** if the client already paid for the lab.