

Centers for Disease Control and Prevention
(CDC)

National Center for Environmental Health
(NCEH)

Division of Laboratory Sciences (DLS)

**NEWBORN SCREENING AND
MOLECULAR BIOLOGY BRANCH
(NSMBB)**

**NEWBORN SCREENING QUALITY
ASSURANCE PROGRAM (NSQAP)
PORTAL**

LDPT PARTICIPANT GUIDE

July 2026

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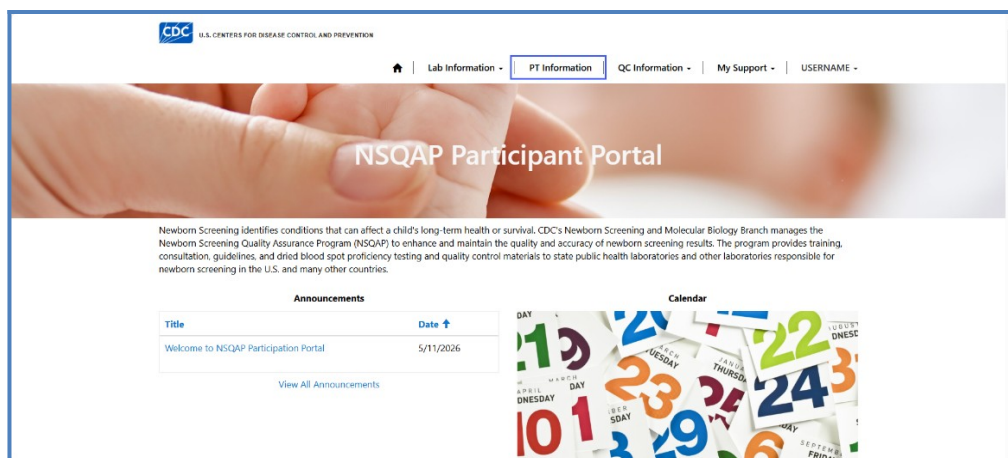
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1. LDPT Program Enzyme, Method, and Cutoff Entry Page

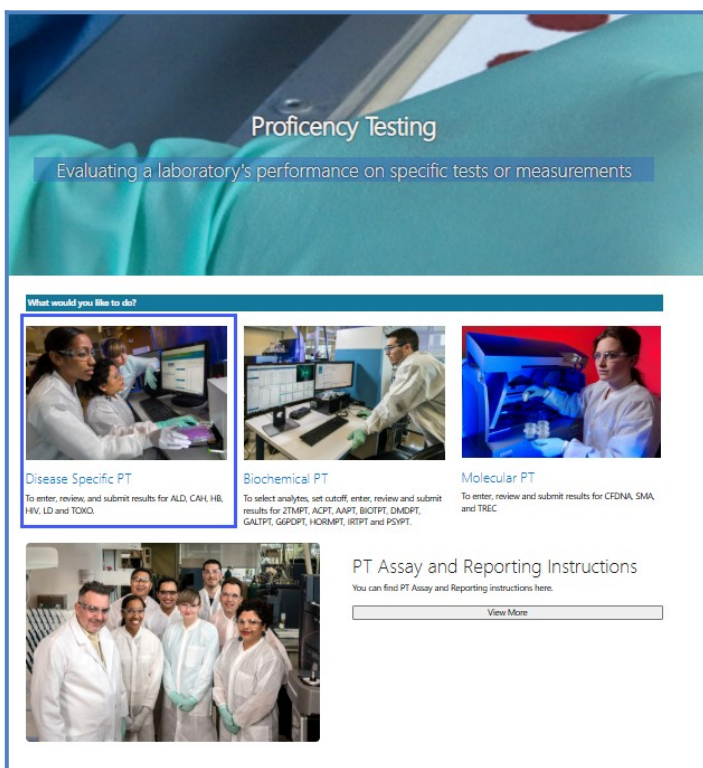
1.1 Navigation

To enter and save LDPT data, navigate to the LDPT program entry page. Access the page from the **'Disease Specific PT'** landing page within **'PT Information'**.

1. Click **'PT Information'** from the top menu.



2. Click **'PT Information'** from the drop-down menu.



3. Select 'LDPT' to navigate to the entry page.

The screenshot displays a grid of 12 pages in the NSQAP Portal. The pages are organized into two columns and six rows. The first five rows represent different entry and review stages: A/D ENTRY, CAN ENTRY, H/L ENTRY, HRY ENTRY, and TONG ENTRY. Each of these rows has a corresponding 'REVIEW/SUBMIT' page. The sixth row contains 'LD Analytic Selection' and 'LD Entry'. The 'LD Analytic Selection' page is highlighted with a red rectangular box. Below the grid, there is a section for 'LD Review and Submit'.

Page Title	Program Name	Created On
LD Analytic Selection	LDPT	5/26/2026 11:48 AM
LD Entry	LDPT	5/26/2026 11:48 AM
LD Review and Submit	LDPT	5/26/2026 11:48 AM

4. User will be directed to the LDPT **Enzyme**, **Method**, and **Cutoff** entry page to select **Enzymes** and enter **Method** and **Cutoff** data. Required fields are indicated with an asterisk(*).

Home > Setup - Enzyme(s), Method(s) and Cutoff(s)

Setup - Enzyme(s), Method(s) and Cutoff(s)

Select the enzyme(s) you want to report, method(s), and give the cutoff for each enzyme. Report LSD data to two decimal places. e.g., (X.XX)

LSD

☐ Acid beta-glucosidase (ABG)	Cutoff (μmol/hr/L)	Method
		Q
☐ Acid sphingomyelinase (ASM)	Cutoff (μmol/hr/L)	Method
		Q
☐ Acid alpha-glucosidase (GAA)	Cutoff (μmol/hr/L)	Method
		Q
☐ Galactoceramide (GALC)	Cutoff (μmol/hr/L)	Method

1.2 Entering Enzyme, Method, and Cutoff Information

From the 'Setup - Enzyme(s), Method(s) and Cutoff(s)' page, enter the Enzyme, Method, and Cutoff information. Navigation details can be found in Section 1.1.

1. For each enzyme a User wants to report, select the checkmark before that enzyme's name.

Setup - Enzyme(s), Method(s) and Cutoff(s)

Select the enzyme(s) you want to report, method(s), and give the cutoff for each enzyme. Report LSD data to two decimal places. e.g., (X.XX)

LSD

☐ Acid beta-glucosidase (ABG)	Cutoff (μmol/hr/L) 	Method Q
☐ Acid sphingomyelinase (ASM)	Cutoff (μmol/hr/L) 	Method Q
☐ Acid alpha-glucosidase (GAA)	Cutoff (μmol/hr/L) 	Method Q
☐ Galactoceramidase (GALC)	Cutoff (μmol/hr/L) 	Method Q
☐ Alpha-galactosidase A (GLA)	Cutoff (μmol/hr/L) 	Method Q
☐ Alpha-L-iduronidase (IDUA)	Cutoff (μmol/hr/L) 	Method Q
☐ Iduronate-2-Sulfatase (I2S)	Cutoff (μmol/hr/L) 	Method Q

☐ I verify that I reviewed the values above.

2. For each selected enzyme, enter the cutoff for that enzyme. Values should be entered to two decimal places.

Setup - Enzyme(s), Method(s) and Cutoff(s)

Select the enzyme(s) you want to report, method(s), and give the cutoff for each enzyme. Report LSD data to two decimal places. e.g., (X.XX)

LSD

☐ Acid beta-glucosidase (ABG)	Cutoff (μmol/hr/L) 	Method Q
☐ Acid sphingomyelinase (ASM)	Cutoff (μmol/hr/L) 	Method Q
☐ Acid alpha-glucosidase (GAA)	Cutoff (μmol/hr/L) 	Method Q
☐ Galactocereamidase (GALC)	Cutoff (μmol/hr/L) 	Method Q
☐ Alpha-galactosidase A (GLA)	Cutoff (μmol/hr/L) 	Method Q
☐ Alpha-L-iduronidase (IDUA)	Cutoff (μmol/hr/L) 	Method Q
☐ Iduronate-2-Sulfatase (I2S)	Cutoff (μmol/hr/L) 	Method Q

☐ I verify that I reviewed the values above.

- For each selected enzyme, select the method used by clicking the magnifying glass icon in the **Method** field to open the method selector.

Setup - Enzyme(s), Method(s) and Cutoff(s)

Select the enzyme(s) you want to report, method(s), and give the cutoff for each enzyme. Report LSD data to two decimal places. e.g., (X.XX)

LSD

☐ Acid beta-glucosidase (ABG)	Cutoff (μmol/hr/L)	Method
☐ Acid sphingomyelinase (ASM)	Cutoff (μmol/hr/L)	Method
☐ Acid alpha-glucosidase (GAA)	Cutoff (μmol/hr/L)	Method
☐ Galactoceramide (GALC)	Cutoff (μmol/hr/L)	Method
☐ Alpha-galactosidase A (GLA)	Cutoff (μmol/hr/L)	Method
☐ Alpha-L-iduronidase (IDUA)	Cutoff (μmol/hr/L)	Method
☐ Iduronate-2-Sulfatase (I2S)	Cutoff (μmol/hr/L)	Method

☐ I verify that I reviewed the values above.

- With the method selector open, click on a method name to choose a method, then click **Select**.

Lookup records

Search

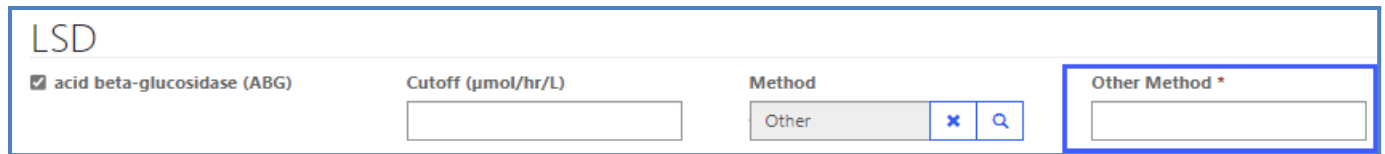
Choose one record and click Select to continue

Method Name ↑

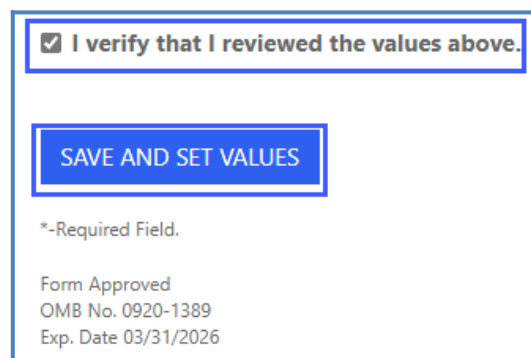
☐	Digital Microfluidic Fluorescence
☐	Flow Injection Analysis (FIA) - MS/MS non-derivitized non-kit
☐	Flow Injection Analysis (FIA)-MS/MS multiplexed enzyme reaction
☐	Flow Injection Analysis (FIA)-MS/MS non-kit individual enzyme reaction
☐	Fluorometric manual LSD - non-kit
☐	LC-MS/MS non-kit
☐	LC-MS/MS positive ion mode

Select Cancel Remove value

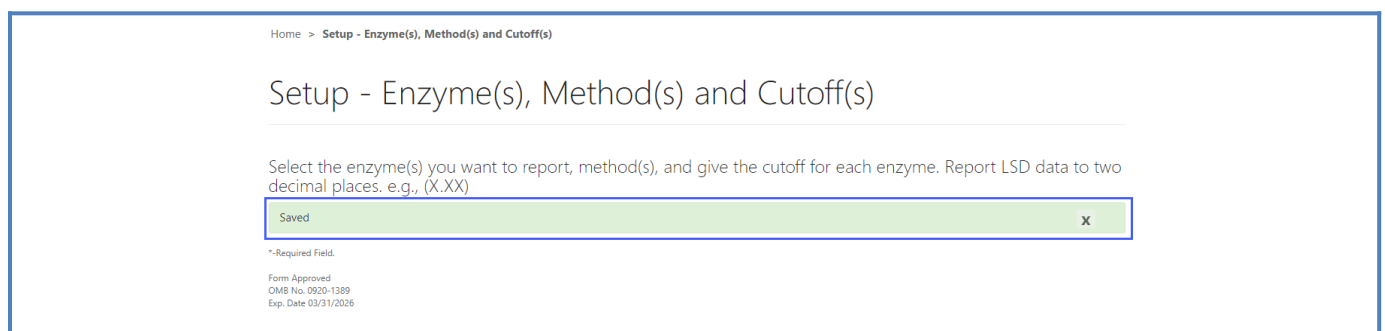
5. For each selected Enzyme, if 'Other' is selected Users are **required** to enter the other method used in the **Other Method** text entry field.



6. When all enzymes to be reported have been selected, and Cutoff and Method have been entered, verify the values are correct and then select the checkbox next to **I verify that I reviewed the values above.** Then click **Save and Set Values.**



7. After Saving and Setting values, a green message will appear letting the User know that their entries have been **Saved.**



NOTE: The data entry page can be saved and re-saved as many times as needed, but each new save will overwrite the previous save(s). Returning to re-enter enzyme(s), method(s) and cutoff(s) will reset any already entered data.

8. If the User attempts to save the form without entering **all required fields**, they will receive an error message. Complete the missing fields and click **'Save'** again.

Home > Setup - Enzyme(s), Method(s) and Cutoff(s)

Setup - Enzyme(s), Method(s) and Cutoff(s)

Select the enzyme(s) you want to report, method(s), and give the cutoff for each enzyme. Report LSD data to two decimal places. e.g., (X.XX)

i The form could not be submitted for the following reasons:

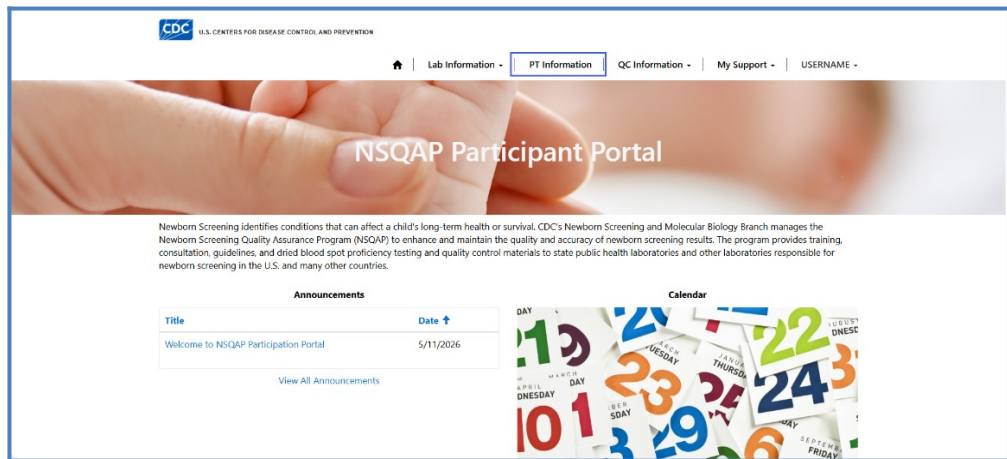
Method is a required field.

2. LDPT Specimen Data Entry Page

2.1 Navigation

Review and save LDPT specimen data after Enzymes, Methods and Cutoffs have been entered and saved (see Section 1). Navigate to the LDPT program Review and Submit page. Access the page from the **'Disease Specific PT'** landing page within **'PT Information'**.

1. Click **'PT Information'** from the top menu.



2. Click **'PT Information'** from the drop-down menu.



3. Select **'LDPT'** to navigate to the entry page.

AID ENTRY		AID REVIEW/SUBMIT	
Name	Save By	Name	Submitted By
AID		AID	isSubmitted
There are no records to display.		There are no records to display.	
CAH ENTRY		CAH REVIEW/SUBMIT	
Name	Save By	Name	Submitted By
			isSubmitted
There are no records to display.		There are no records to display.	
HIV ENTRY		HIV REVIEW/SUBMIT	
Name	Save By	Name	Submitted By
HIV		HIV	isSubmitted
There are no records to display.		There are no records to display.	
TOGO Entry		TOGO REVIEW/SUBMIT	
Name	Save By	Name	Submitted By
			isSubmitted
There are no records to display.		There are no records to display.	
LD Analyte Selection		LD Entry	
Program Name	Created On	Program Name	Created On
LDPT	5/26/2026 11:48 AM	LDPT	5/26/2026 11:48 AM
LD Review and Submit			
Program Name	Created On		
LDPT	5/26/2026 11:48 AM		

- User will be directed to the LDPT **Enzyme**, **Method**, and **Cutoff** entry page to select **Enzymes** and enter **Method** and **Cutoff** data. Required fields are indicated with an asterisk(*).

2.2 Data Entry

1. From the page titled 'Specimen List' the User can enter LDPT program results for each specimen. Navigation details can be found in Section 2.1.

Home > Specimen List

Specimen List

Specimen

Specimen Number ↑	Specimen Status	Created On	
20243013001	Saved	4/20/2024 4:55 PM	▼
20243013002	Set	4/20/2024 4:56 PM	▼
20243013003	Set	4/20/2024 4:56 PM	▼
20243013004	Set	4/20/2024 4:57 PM	▼
20243013005	Set	4/20/2024 4:57 PM	▼

2. Select a specimen from the **Specimen List** to enter data for that specimen.

Home > Specimen List

Specimen List

Specimen

Specimen Number ↑	Specimen Status	Created On	
20243013001	Set	4/15/2024 9:16 PM	▼
20243013002	Set	4/15/2024 9:16 PM	▼
20243013003	Set	4/15/2024 9:16 PM	▼
20243013004	Set	4/15/2024 9:17 PM	▼
20243013005	Set	4/15/2024 9:17 PM	▼

3. A **Data Entry** page will display with all the enzymes selected in the previous form.

Home > Data Entry

Data Entry

Acid beta-glucosidase (ABG)

Method *	Cutoff (μmol/hr/L)
LC-MS/MS non-kit	1.00
Method Other	
—	
Specimen Number 20243013001	Result (μmol/hr/L)
	Clinical Assessment *

4. For each Enzyme, the information previously entered for **Method**, **Cutoff**, and **Method Other** (if provided) will be prefilled, and the selected **Specimen Number** will display.

Home > Data Entry

Data Entry

Acid beta-glucosidase (ABG)

Method *	Cutoff (μmol/hr/L)
LC-MS/MS non-kit	1.00
Method Other	
—	
Specimen Number 20243013001	Result (μmol/hr/L)
	Clinical Assessment *

5. For each enzyme, enter the value in the **Result** field, and select an answer from the **Clinical Assessment** dropdown menu.

Home > Data Entry

Data Entry

Acid beta-glucosidase (ABG)

Method *	Cutoff (μmol/hr/L)
LC-MS/MS non-kit	1.00
Method Other	
—	
Specimen Number 20243013001	Result (μmol/hr/L)
	Clinical Assessment *

NOTE: The Result data is recorded to 2 decimal places. Values with fewer than 2 decimals may be entered, but ending zeros will be appended to the saved data.

6. When all the information is complete, select **Save Data** at the bottom of the page.

Alpha-L-iduronidase (IDUA)

Method *

LC-MS/MS non-kit

Cutoff (μmol/hr/L)

1.30

Method Other

—

Specimen Number

20243013001

Result (μmol/hr/L)

Clinical Assessment *

Iduronate-2-Sulfatase (I2S)

Method *

LC-MS/MS non-kit

Cutoff (μmol/hr/L)

1.00

Method Other

—

Specimen Number

20243013001

Result (μmol/hr/L)

Clinical Assessment *

Save Data

*-Required Field.

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7. When the data has been successfully saved, a **Saved** banner will display.

Home > Data Entry

Data Entry

Saved

X

*-Required Field.

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OMB No. 0920-1389

Exp. Date 03/31/2026

8. Return to the **Specimen** page. Navigation details can be found in Section 2.1. The specimen for which data has been entered will show as **Saved**.

Specimen

Specimen Number ↑	Specimen Status	Created On	
20243013001	Saved	4/15/2024 9:16 PM	▼
20243013002	Set	4/15/2024 9:16 PM	▼
20243013003	Set	4/15/2024 9:16 PM	▼
20243013004	Set	4/15/2024 9:17 PM	▼
20243013005	Set	4/15/2024 9:17 PM	▼

Submit

9. Repeat steps 2-8 until data has been saved for all specimens.

Specimen List

Specimen

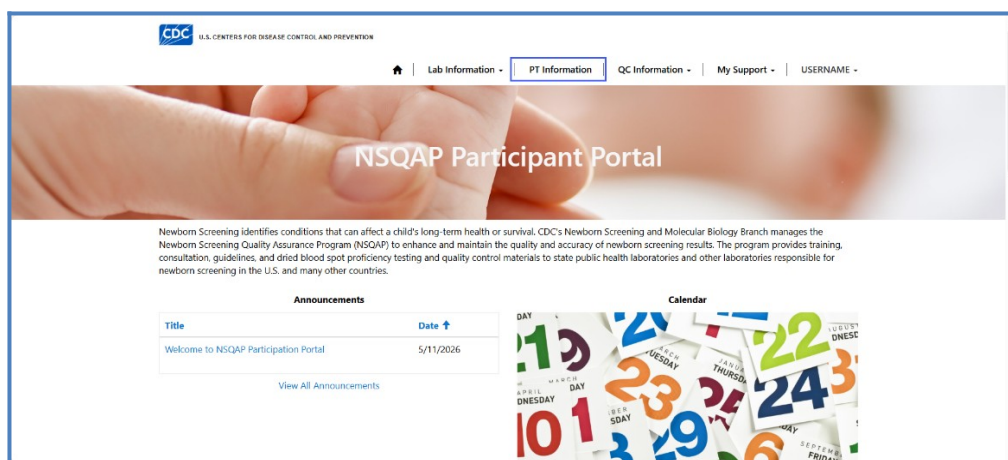
Specimen Number ↑	Specimen Status	Created On	
20243013001	Saved	4/15/2024 9:16 PM	▼
20243013002	Saved	4/15/2024 9:16 PM	▼
20243013003	Saved	4/15/2024 9:16 PM	▼
20243013004	Saved	4/15/2024 9:17 PM	▼
20243013005	Saved	4/15/2024 9:17 PM	▼

3. LDPT Review/Submit Page

3.1 Navigation

Review and submit LDPT specimen data after Enzymes, Methods and Cutoffs have been entered and saved (see Section 1) and Specimen data has been entered for each specimen (see Section 2). Access the page from the **'Disease Specific PT'** landing page within **'PT Information'**.

1. Click **'PT Information'** from the top menu.



2. Click **'PT Information'** from the drop-down menu.



3. Select **'LDPT'** to navigate to the entry page.

AID ENTRY		AID REVIEW/SUBMIT	
Name	Save By	Name	Submitted By
AID		AID	isSubmitted
There are no records to display.		There are no records to display.	
CAH ENTRY		CAH REVIEW/SUBMIT	
Name	Save By	Name	Submitted By
			isSubmitted
There are no records to display.		There are no records to display.	
HIV ENTRY		HIV REVIEW/SUBMIT	
Name	Save By	Name	Submitted By
HIV		HIV	isSubmitted
There are no records to display.		There are no records to display.	
HIV Entry		HIV REVIEW/SUBMIT	
Name	Save By	Name	Submitted By
			isSubmitted
There are no records to display.		There are no records to display.	
TODD Entry		TODD REVIEW/SUBMIT	
Name	Save By	Name	Submitted By
			isSubmitted
There are no records to display.		There are no records to display.	
LD Analyte Selection		LD Entry	
Program Name	Created On	Program Name	Created On
LDPT	5/26/2026 11:48 AM	LDPT	5/26/2026 11:48 AM
LD Review and Submit			
Program Name	Created On		
LDPT	5/26/2026 11:48 AM		

3.2 Review/Submit

1. From the page titled 'LDPT Review/Submit', the User can review their entered LDPT program results and submit them. Navigation details can be found in Section 3.1.

Home > LSDPT Pilot Review and Submit

LSDPT Pilot Review and Submit

Program Name *
PILOT - LSDPT

RESULTS

[Download](#)

Specimen Number ↑	gba method alu	gba method other alu	gba cutoff	Gba Result	Gaucher Assessment	asm method alu	asm method other alu	asm cutoff
20243013001								
20243013002								
20243013003								
20243013004								
20243013005								

◀ ▶

Specimen

Specimen Number ↑	Specimen Status	Created On
20243013001	Set	4/20/2024 4:55 PM
20243013002	Set	4/20/2024 4:56 PM
20243013003	Set	4/20/2024 4:56 PM
20243013004	Set	4/20/2024 4:57 PM
20243013005	Set	4/20/2024 4:57 PM

*-Required Field.

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2. The RESULTS Section displays the User-entered data for each specimen.

RESULTS

Download

Specimen Number ↑	gba_method_alu	gba_method_other_alu	gba_cutoff	Gba_Result	Gaucher Assessment	asm_method_alu	asm_method_other_alu	asm_cutof
20243013001	LC-MS/MS non-kit		1.00	5.00	Within Normal Limits	LC-MS/MS non-kit		1.00
20243013002	LC-MS/MS non-kit		1.00	1.00	Outside Normal Limits	LC-MS/MS non-kit		1.00
20243013003	LC-MS/MS non-kit		1.00		Outside Normal Limits	LC-MS/MS non-kit		1.00
20243013004	LC-MS/MS non-kit		1.00		Outside Normal Limits	LC-MS/MS non-kit		1.00
20243013005	LC-MS/MS non-kit		1.00		Within Normal Limits	LC-MS/MS non-kit		1.00

3. Users can utilize the horizontal scroll bar to see all the data for a given specimen.

RESULTS

Download

Specimen Number ↑	gba_method_alu	gba_method_other_alu	gba_cutoff	Gba_Result	Gaucher Assessment	asm_method_alu	asm_method_other_alu	asm_cutof
20243013001	LC-MS/MS non-kit		1.00	5.00	Within Normal Limits	LC-MS/MS non-kit		1.00
20243013002	LC-MS/MS non-kit		1.00	1.00	Outside Normal Limits	LC-MS/MS non-kit		1.00
20243013003	LC-MS/MS non-kit		1.00		Outside Normal Limits	LC-MS/MS non-kit		1.00
20243013004	LC-MS/MS non-kit		1.00		Outside Normal Limits	LC-MS/MS non-kit		1.00
20243013005	LC-MS/MS non-kit		1.00		Within Normal Limits	LC-MS/MS non-kit		1.00

4. A copy of all entered data can be downloaded by clicking the **Download** button in the upper right corner of the Results Section.

RESULTS

Download

Specimen Number ↑	gba_method_alu	gba_method_other_alu	gba_cutoff	Gba_Result	Gaucher Assessment	asm_method_alu	asm_method_other_alu	asm_cutof
20243013001	LC-MS/MS non-kit		1.00	5.00	Within Normal Limits	LC-MS/MS non-kit		1.00
20243013002	LC-MS/MS non-kit		1.00	1.00	Outside Normal Limits	LC-MS/MS non-kit		1.00
20243013003	LC-MS/MS non-kit		1.00		Outside Normal Limits	LC-MS/MS non-kit		1.00
20243013004	LC-MS/MS non-kit		1.00		Outside Normal Limits	LC-MS/MS non-kit		1.00
20243013005	LC-MS/MS non-kit		1.00		Within Normal Limits	LC-MS/MS non-kit		1.00

5. When User is satisfied with the entered data, clicking the **Submit** button at the bottom of the page will submit the data for the lab.

Submit

*-Required Field.

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6. Data has been successfully submitted when a green **Submission completed successfully** message is displayed.

Submission completed successfully.

*-Required Field.

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OMB No. 0920-1389
Exp. Date 03/31/2026