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

SMAPT PARTICIPANT GUIDE

August 2021

Table of Contents

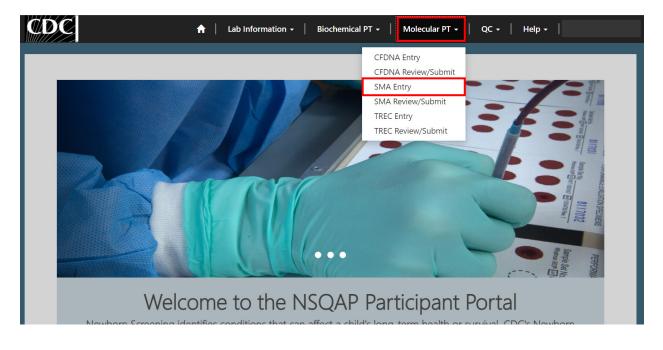
1. SMAPT Program Entry Page	2
1.1 Navigation	
1.2 Method Information	4
1.3 Results Entry	13
1.4 Save	14
2. SMAPT Review & Submit Page	15
2.1 Navigation	15
2.2 Review	
2.3 Submit	
2.4 Save Data – Pdf Format	20

1. SMAPT Program Entry Page

1.1 Navigation

To enter and save SMAPT data, navigate to the SMAPT program entry page. Access the page from the 'SMA Entry' option on the Molecular PT drop-down menu.

1. Click 'Molecular PT' then 'SMA Entry' from the drop-down menu.



2. Select 'SMA' to navigate to the entry page.

CDC 🔒 Lab Information - Biochemical PT - Mol	ecular PT + QC + Help + Q
Home > SMA Entry	
SMA Entry	
Name	Created On 🕈
SMA	3/24/2021 11:14 AM
About NSQAP Self-Service Portal This program is cosponsored by the Centers for Disease Control and Prevention (CDC) and the Association of Public Health Laboratories (APHL).	

3. You will be directed to the SMA entry page to enter method information and analyte data. Required fields are indicated with an asterisk(*).

	Ilar Atrophy (SMAPT)	
1ethod Information		
Select a method - LDT refers t	o Lab Developed Test RUO refers to Research Use Only *	Q
Select a DNA extraction meth	od *	Q
		4
MN1 assay primer and Was a commercial kit used? *	probe information	
No		~
SMN1 probe sequence includi	ng dye and quencher: *	
SMN1 forward amplification	rimer sequence *	
SMN1 reverse amplification p	rimer sequence: *	
oference Gene accay n	imer and probe information	
eference Gene assay pr Select a reference gene: *	imer and probe information	
	imer and probe information	٩
	imer and probe information	٩
Select a reference gene: *	imer and probe information	٩
Select a reference gene: *	imer and probe information	۹.
Select a reference gene: * Was a commercial kit used? * No		۹ ۲
Select a reference gene: * Was a commercial kit used? * No	imer and probe information	م ~
Select a reference gene: * Was a commercial kit used? * No	ce including dye and quencher: *	۹ ۲
Select a reference gene: * Was a commercial kit used? * No Reference gene probe sequen	ce including dye and quencher: *	۹ ۲
Select a reference gene: * Was a commercial kit used? * No Reference gene probe sequen	ce including dye and quencher: * ification primer sequence: *	۹ ۲
Select a reference gene: *	ce including dye and quencher: * ification primer sequence: *	۲ ۲
Select a reference gene: * Was a commercial kit used? * No Reference gene probe sequen Reference gene forward ampl Reference gene reverse amplif	ce including dye and quencher: * ification primer sequence: *	۲ ۲
Select a reference gene: * Was a commercial kit used? * No Reference gene probe sequen Reference gene forward ampl Reference gene reverse amplit MN1 Exon 7	ce including dye and quencher: * ification primer sequence: * ication primer sequence: *	·
Select a reference gene: * Was a commercial kit used? * No Reference gene probe sequen Reference gene forward ampl Reference gene reverse amplif	ce including dye and quencher: * ification primer sequence: * ication primer sequence: * Clinical Assessment Code *	·
Select a reference gene: *	ce including dye and quencher: * ffcation primer sequence: * ication primer sequence: * Clinical Assessment Code * Comm	ents
Select a reference gene: * Was a commercial kit used? * No Reference gene probe sequen Reference gene forward ampl Reference gene reverse amplit SMN1 Exon 7 Specimen Number	ce including dye and quencher: * ification primer sequence: * ication primer sequence: * Clinical Assessment Code *	ents
Select a reference gene: * Was a commercial kit used? * No Reference gene probe sequen Reference gene forward ampl Reference gene reverse amplit SMN1 Exon 7 Specimen Number 20212017001 Specimen Number	ce including dye and quencher: * ffcation primer sequence: * ication primer sequence: * Clinical Assessment Code * Comm	ents
Select a reference gene: * Was a commercial kit used? * No Reference gene probe sequen Reference gene forward ampli Reference gene reverse amplif SMN1 Exon 7 Specimen Number 20212017001 Specimen Number 20212017002	ce including dye and quencher: *	ents
Select a reference gene: *	ce including dye and quencher: *	ents ents ents
Select a reference gene: * Was a commercial kit used? * No Reference gene probe sequen Reference gene forward ample Reference gene reverse amplif SMN1 Exon 7 Specimen Number 20212017001 Specimen Number 20212017002 Specimen Number 20212017003	ce including dye and quencher: *	ents ents ents
Select a reference gene: * Was a commercial kit used? * No Reference gene probe sequen Reference gene forward ampl Reference gene forward ampl Reference gene reverse amplif SMN1 Exon 7 Specimen Number 20212017001 Specimen Number 20212017003 Specimen Number 20212017003 Specimen Number 20212017004 Specimen Number	ce including dye and quencher: *	ents ents ents ents ents
Select a reference gene: * Was a commercial kit used? * No Reference gene probe sequen Reference gene forward ampl Reference gene forward ampl Reference gene reverse amplit SMN1 Exon 7 Specimen Number 20212017001 Specimen Number 20212017002 Specimen Number 20212017003 Specimen Number 20212017003 Specimen Number 20212017004	ce including dye and quencher: *	ents ents ents ents ents
Select a reference gene: * Was a commercial kit used? * No Reference gene probe sequen Reference gene forward ampl Reference gene forward ampl Reference gene reverse amplit SMN1 Exon 7 Specimen Number 20212017001 Specimen Number 20212017003 Specimen Number 20212017004 Specimen Number 20212017004 Specimen Number 20212017005 rticipating laboratories must generate e	ce including dye and quencher: * ification primer sequence: * ication primer sequence: * Clinical Assessment Code * Comm Clinical Assessment Code * Clinical Assessment Code * Comm Clinical Assessment Code * Clinical Assessment	ents ents ents ents or specimens with any other laboratory under ANY circumstance, even if the
Select a reference gene: * Was a commercial kit used? * No Reference gene probe sequen Reference gene forward ample Reference gene forward ample Reference gene reverse amplif SMN1 Exon 7 Specimen Number 20212017001 Specimen Number 20212017002 Specimen Number 20212017003 Specimen Number 20212017004 Specimen Number 20212017005 rticipating laboratories must generate a to oratory normally sends specimens to o	ce including dye and quencher: * ification primer sequence: * ication primer sequence: * Clinical Assessment Code * Comm Clinical Assessment Code * Clinical Assessment Code * Comm Clinical Assessment Code * Clinical Assessment	ents ents ents ents ents ents ents ents

About NECAR Solf Sorvice Portal

1.2 Method Information

Navigate to the page titled 'Spinal Muscular Atrophy (SMAPT)' to enter method information.

1. Enter method, DNA extraction method, SMN1 assay primer and probe information, and reference gene assay primer and probe information. Navigation details can be found in section 1.1.

Select a method - LDT refers to Lab Developed Test RUO refers to Research Use Only *	DC	A Lab Information → Biochemical PT → Mol	ecular PT 🗸 QC 🗸 Help 🖌 🏾	
Bethod Information Select a method - LDT refers to Lab Developed Test RUO refers to Research Use Only * Image: Select a DNA extraction method * Image: Select a method select a method select a reference gene: * Image: Select a method sequence including dye and quencher: * Image: Select a method sequence including dye and quencher: * Image: Select a method sequence including dye and quencher: * Image: Sele	ome > Spinal Muscular Atrophy	(SMAPT)		
Select a method - LDT refers to Lab Developed Test RUO refers to Research Use Only * Select a DNA extraction method * Q Select a DNA extraction method * Q WIN1 assay primer and probe information Q WMN1 assay primer and probe information Q SMM1 probe sequence including dye and quencher: * Q SMN1 reverse amplification primer sequence * Q Select a commercial kit used? * Q Was a commercial kit used? * Q Was a commercial kit used? * Q Was a commercial kit used? * Q Reference gene probe sequence including dye and quencher: * Q Reference gene probe sequence including dye and quencher: * Q Reference gene forward amplification primer sequence: * Q	Spinal Muscu	ar Atrophy (SMAPT)		
Select a DNA extraction method * Select a DNA extraction method * MN1 assay primer and probe information Was a commercial kit used? * No SMN1 probe sequence including dye and quencher: * SMN1 forward amplification primer sequence: * SMN1 reverse amplification primer sequence: * Seference Gene assay primer and probe information Select a reference gene: * Was a commercial kit used? * No Reference gene probe sequence including dye and quencher: * Reference gene forward amplification primer sequence: * Reference gene forward amplification primer sequence: *	1ethod Information Select a method - LDT refers to	Lab Developed Test RUO refers to Research Use Only *		
WN1 assay primer and probe information Was a commercial kit used?* No SMN1 probe sequence including dye and quencher: *				۹
MN1 assay primer and probe information Was a commercial kit used?* No SMN1 probe sequence including dye and quencher:* SMN1 forward amplification primer sequence * SMN1 reverse amplification primer sequence: * eference Gene assay primer and probe information Select a reference gene:* Was a commercial kit used?* No Reference gene probe sequence including dye and quencher:* Reference gene probe sequence including dye and quencher:* Reference gene forward amplification primer sequence: *	Select a DNA extraction metho	*		
Was a commercial kit used? * No SMN1 probe sequence including dye and quencher: * SMN1 forward amplification primer sequence * SMN1 reverse amplification primer sequence: * eference Gene assay primer and probe information Select a reference gene: * Vas a commercial kit used? * No Reference gene probe sequence including dye and quencher: * Reference gene forward amplification primer sequence: *				ų
Was a commercial kit used? * No SMN1 probe sequence including dye and quencher: * SMN1 forward amplification primer sequence * SMN1 reverse amplification primer sequence: * eference Gene assay primer and probe information Select a reference gene: * Vas a commercial kit used? * No Reference gene probe sequence including dye and quencher: * Reference gene forward amplification primer sequence: *	MN1 assay primer and i	robe information		
No				
SMN1 forward amplification primer sequence * SMN1 reverse amplification primer sequence: * eference Gene assay primer and probe information Select a reference gene: * Was a commercial kit used? * No Reference gene probe sequence including dye and quencher: * Reference gene forward amplification primer sequence: *				```
SMN1 reverse amplification primer sequence: * eference Gene assay primer and probe information Select a reference gene: * Was a commercial kit used? * No Reference gene probe sequence including dye and quencher: * Reference gene forward amplification primer sequence: *	SMN1 probe sequence includin	ι dye and quencher: *		
eference Gene assay primer and probe information Select a reference gene: * Was a commercial kit used? * No Reference gene probe sequence including dye and quencher: * Reference gene forward amplification primer sequence: *	SMN1 forward amplification p	mer sequence *		
Select a reference gene: * Was a commercial kit used? * No Reference gene probe sequence including dye and quencher: * Reference gene forward amplification primer sequence: *	SMN1 reverse amplification pri	ner sequence: *		
Select a reference gene: * Was a commercial kit used? * No Reference gene probe sequence including dye and quencher: * Reference gene forward amplification primer sequence: *				
Was a commercial kit used? * No Reference gene probe sequence including dye and quencher: * Reference gene forward amplification primer sequence: *	eference Gene assay pri	mer and probe information		
Was a commercial kit used? * No Reference gene probe sequence including dye and quencher: * Reference gene forward amplification primer sequence: *	Select a reference gene: *			
No Reference gene probe sequence including dye and quencher: * Reference gene forward amplification primer sequence: *				Q
No Reference gene probe sequence including dye and quencher: * Reference gene forward amplification primer sequence: *				
Reference gene probe sequence including dye and quencher: * Reference gene forward amplification primer sequence: *	Was a commercial kit used? *			
Reference gene forward amplification primer sequence: *	No			`
	Reference gene probe sequenc	including dye and quencher: *		
Reference gene reverse amplification primer sequence: *	Reference gene forward amplif	cation primer sequence: *		
	Reference gene reverse amplifi	ation primer sequence: *		

2. Click on the magnifying glass to look up methods and click 'Select'.

Home > Spinal Muscular	Atrophy (SMAPT)	Biochemical PT 👻	Molecular PT 🗸	QC - Help -	I		
Spinal Mu	scular Atrophy (SN	MAPT)					
Method Informatio	ገ efers to Lab Developed Test RUO refers to Res	earch Use Only *			_		
	· · · · · · · · · · · · · · · · · · ·					٩]
Select a DNA extraction	n method *						
						٩	
Lookup r	ecords				×		
			Search		Q		
4	Name 🕇						
4	LDT Real Time PCR - SMN1 AND Reference Gene	run in a single tube					
	LDT Real Time PCR - SMN1/TREC AND Reference	e Gene run in a single tube					
	Other						
	Perkin Elmer NeoMDx RUO						
			Select	Cancel Remove	value		
Home & Crinel Museulan A	4						
Home > Spinal Muscular A	(Iropny (Imap I)						
Spinal Mus	scular Atrophy (Sl	MAPT)					
Method Information	1						
	efers to Lab Developed Test RUO refers to Re	search Use Only *				••	
LDT Real Time PCR - SN	IN1 AND Reference Gene run in a single tube					×	۹
	weather d *						
Select a DNA extraction	method "						Q

3. If 'Other' is selected, a text box will appear. You are required to list a commercial method or describe the lab developed test.

		Lookup re	ecords							×		
								Search		Q		
		~	Name 🕇									
			LDT Real Time P	CR - SMN1 AND Refe	erence Gene run in	a single tube						
			LDT Real Time P	CR - SMN1/TREC ANI	D Reference Gene	run in a single tube						
		~	Other									
			Perkin Elmer Ne	oMDx RUO								
								Gelect	Remove	value		
Но	me > Spina	l Muscular A	trophy (SMAPT)									
S	pinal	Mus	scular A	Atrophy	/ (SM/	APT)						
M	ethod Inf	ormation	1									
IVIV				oped Test RUO ref	ers to Research	Use Only *						
	Other										×	Q
Γ	YOU MUST	list commerc	ial method or des	cribe lab develope	ed test *							
Ľ	Select a DN	A extraction	method *									
												Q
Cli	ck on th	ie magn	nifying glas	s to select	a DNA ex	straction r	nethod					
S	pinal	Mus	scular A	Atrophy	/ (SM/	APT)						
Me	ethod Inf	ormation	1									
	Select a met	hod - LDT re	fers to Lab Develo	oped Test RUO ref	ers to Research	Use Only *						
	LDT Real T	me PCR - SM	N1 AND Reference	Gene run in a sing	le tube						×	Q

Select a DNA extraction method *

4. Click

Q

5. Choose a DNA extraction method then click 'Select'.

		Search	٩
/	Name 🕇		
~	Extracta™ DBS		
	Generation™ DNA Elution Solution (S2 only)		
	Generation [™] DNA Purification and Elution Solutions (S1/S2)		
	In situ/on card (DNA is NOT extracted)		
	Other		
	Perkin Elmer DNA Extraction Solution		

Cancel

Remove value

Spinal Muscular Atrophy (SMAPT)

Method Information

Select a method - LDT refers to Lab Developed Test RUO refers to Research Use Only *		
LDT Real Time PCR - SMN1 AND Reference Gene run in a single tube	×	٩
Select a DNA extraction method *		
Extracta™ DBS	×	٩

6. If 'Other' is selected, a text box will appear. You are **required** to indicate if your DNA extraction reagent is lab developed or commercial.

-	records			
		Search	٩	
/	Name 🕇			
	Extracta™ DBS			
	Generation [™] DNA Elution Solution (S2 only)			
	Generation™ DNA Purification and Elution Solutions (S1/S2)			
	In situ/on card (DNA is NOT extracted)			
/	Other			
	Perkin Elmer DNA Extraction Solution			



Spinal Muscular Atrophy (SMAPT)

Method Information

Select a method - LDT refers to Lab Developed Test RUO refers to Research Use Only *		
LDT Real Time PCR - SMN1 AND Reference Gene run in a single tube	×	Q

Select a DNA extraction method *

Other

Indicate if this reagent is lab developed or commercial *

×Q

7. SMN1 assay primer and probe information should be entered into the 'SMN1 assay primer and probe information' section.

Spinal Muscular Atrophy (SMAPT)		
Method Information Select a method - LDT refers to Lab Developed Test RUO refers to Research Use Only *		
LDT Real Time PCR - SMN1 AND Reference Gene run in a single tube	×	٩
Select a DNA extraction method * Extracta™ DBS	×	٩
SMN1 Assay Primer and Probe Information		
Was a commercial kit used? * Yes		~

8. Indicate whether a commercial kit was used by clicking the drop-down arrow.

SMN1 assay primer and probe information

Was a commercial kit used? *	_	_	
Yes	`	-	
No		1	
Yes			

9. If a commercial kit was used, select **'Yes'**, and no further information is required for the SMN1 assay primer and probe information section.

SMN1 assay primer and probe information



10. If a commercial kit was not used, select **'No'**, and additional probe and primer sequence information will be required.

SMN1 assay primer and probe information

Was a commercial kit used? *	
No	~
SMN1 probe sequence including dye and quencher: *	
SMN1 forward amplification primer sequence *	
SMN1 reverse amplification primer sequence: *	

11. Enter 'Reference gene assay primer and probe information'.

NO SMN1 probe sequence including dye and quencher: * SMN1 forward amplification primer sequence * SMN1 reverse amplification primer sequence: *	
SMN1 forward amplification primer sequence * SMN1 reverse amplification primer sequence: *	
SMN1 reverse amplification primer sequence: *	
ference Gene assay primer and probe information	
Select a reference gene: *	
Was a commercial kit used? *	
Was a commercial kit used? * No	

12. Select a reference gene by clicking the magnifying glass.

Reference Gene assay primer and probe information

Select a reference gene: *

10

Q

13. Choose a reference gene then click 'Select'.

	Lookup	records	×
			Search Q
	~	Name 🕇	
	*	Beta-actin (ACTB)	
		Other	
		RNaseP subunit (RPP30)	
		TaqMan™ RNase P Control Reagents Kit	
			Select Cancel Remove value
ence Gen	e assay	primer and probe information	
ect a referenc	e gene: *		

14. If 'Other' is selected, you are required to specify a gene name and symbol.

		Search	۹
~	Name 🕇		
	Beta-actin (ACTB)		
✓	Other		
	RNaseP subunit (RPP30)		
	TaqMan™ RNase P Control Reagents Kit		
		Select Cancel Remove value	Je
nce Gene	Assay Primer and Probe Information	Select Cancel Remove valu	Je
nce Gene		Select Cancel Remove valu	Je

Beta-actin (ACTB)

×Q

15. Indicate whether a commercial kit was used, by click the drop-down arrow.

Reference Gene assay primer and probe information

Select a reference gene: *			
Beta-actin (ACTB)	3	×	٩
Was a commercial kit used? *			
No			~
Reference gene probe sequence including dye and quencher: *			
Reference gene forward amplification primer sequence: *			
Reference gene reverse amplification primer sequence: *			

16. If a commercial kit was used, select **'Yes'**, and no further information is required for reference gene assay primer and probe information section.

Re	erence Gene assay primer and probe information		
	Select a reference gene: *		
	Beta-actin (ACTB)	×	Q
	Nas a commercial kit used? *		
	Yes		~

17. If a commercial kit was not used, select **'No'**, and additional reference gene probe and primer sequence information will be required.

eference Gene assay primer and probe information	
Select a reference gene: *	
Beta-actin (ACTB)	x Q
Was a commercial kit used? *	
No	~
Reference gene probe sequence including dye and quencher: *	
Reference gene forward amplification primer sequence: *	
Reference gene reverse amplification primer sequence: *	

1.3 Results Entry

Navigate to the page titled 'Spinal Muscular Atrophy (SMAPT)' to enter SMAPT specimen clinical assessments and comments (optional). Navigation details can be found in section 1.1.

1. Select a clinical assessment for each of the five specimens by clicking the drop-down arrow.

Specimen Number	Clinical Assessment *		Comments
20214017001		~	
Specimen Number	Clinical Assessment *		Comments
20214017002		~	
Specimen Number	Clinical Assessment *		Comments
20214017003		~	
Specimen Number	Clinical Assessment *		Comments
20214017004		~	
Specimen Number	Clinical Assessment *		Comments
20214017005		~	

Participating laboratories must generate and submit their own results and must not share NSQAP PT test results or specimens with any other laboratory under ANY circumstance, even if the laboratory normally sends specimens to referral laboratories for routine or confirmatory testing. If participants are found to have falsified or shared results or specimens, the NSQAP committee will convene to discuss response actions for the participant which may include termination from the program.

Use of trade names is for identification only and does not imply endorsement by the Public Health Service, the U.S. Department of Health and Human Services, or the Association of Public Health Laboratories.

2. If necessary, enter optional comments into the appropriate comment box.

SMN1 Exon 7		
Specimen Number	Clinical Assessment *	Comments
20214017001	~	
Specimen Number	Clinical Assessment *	Comments
20214017002	~	
Specimen Number	Clinical Assessment *	Comments
20214017003	~	
Specimen Number	Clinical Assessment *	Comments
20214017004	~	
Specimen Number	Clinical Assessment *	Comments
20214017005	~	

Participating laboratories must generate and submit their own results and must not share NSQAP PT test results or specimens with any other laboratory under ANY circumstance, even if the laboratory normally sends specimens to referral laboratories for routine or confirmatory testing. If participants are found to have falsified or shared results or specimens, the NSQAP committee will convene to discuss response actions for the participant which may include termination from the program.

Use of trade names is for identification only and does not imply endorsement by the Public Health Service, the U.S. Department of Health and Human Services, or the Association of Public Health Laboratories.

1.4 Save

 Save SMAPT specimen results by clicking the 'Save' button located at the bottom of the page. <u>NOTE</u>: All information & data must be saved at the same time. Data cannot be partially saved.

Participating laboratories must generate and submit their own results and must not share NSQAP PT test results or specimens with any other laboratory under ANY circumstance, even if the laboratory normally sends specimens to referral laboratories for routine or confirmatory testing. If participants are found to have falsified or shared results or specimens, the NSQAP committee will convene to discuss response actions for the participant which may include termination from the program.

Use of trade names is for identification only and does not imply endorsement by the Public Health Service, the U.S. Department of Health and Human Services, or the Association of Public Health Laboratories.

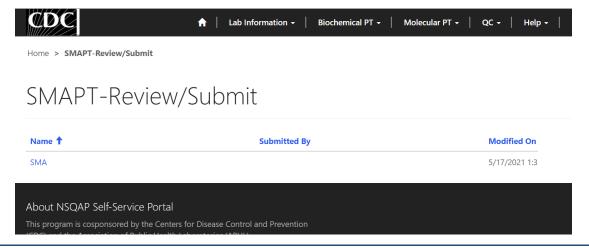


2. If you attempt to save the form without entering **all required fields**, you will receive an error message. Complete the missing fields and click 'Save' again.

Spinal Muscular Atrophy (SMAPT)		
 The form could not be submitted for the following reasons: Clinical Assessment is a required field. 		
Method Information		
Select a method - LDT refers to Lab Developed Test RUO refers to Research Use Only *		
	×	٩
Select a method - LDT refers to Lab Developed Test RUO refers to Research Use Only *	×	Q

3. After you have successfully saved your data and information, you will be redirected to the SMAPT review and submit page.

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).

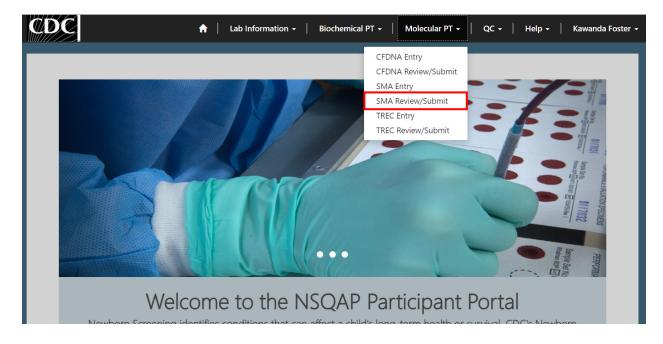


2. SMAPT Review & Submit Page

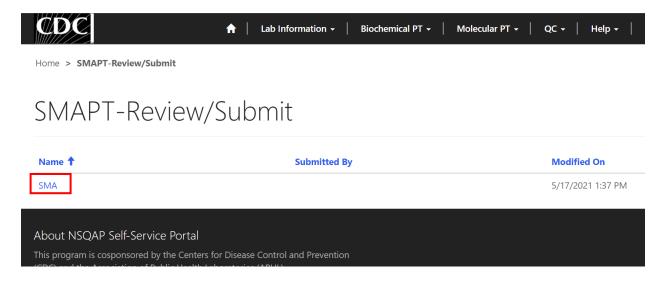
2.1 Navigation

Review and submit SMAPT specimen data after program information and results have been entered and saved (see section 1). Access the review/submit page via the 'SMA Review/Submit' option on the Molecular PT drop-down menu.

1. Location of the 'SMA Review/Submit' page on the main menu tool bar. Select **'Molecular PT'** then **'SMA Review/Submit'** from the drop-down menu.



2. The SMA Review/Submit landing page will appear. Select **'SMA'** to navigate to the review and submit page.



2.2 Review

1. Navigate to the page titled 'SMAPT – Review/Submit' to review saved SMAPT program method information and results in a read-only format. Navigation details can be found in section 2.1.

CDC				
Home > SMAPT-Review/Submit	t			
SMAPT-Review/Submit				
Method Information				
	to Lab Developed Test RUO refers	to Research Use Only *		
LDT Real Time PCR - SMN1 AN	D Reference Gene run in a single tub	e		
YOU MUST list commercial m	ethod or describe lab developed to	est		
Select a DNA extraction meth	nod *			
Extracta™ DBS				
Indicate if this reagent is lab	developed or commercial			
_				
SMN1 Assay Primer and	Probe Information			
Was a commercial kit used? *				
NO SMN1 probe sequence includ	ling due and guencher:			
5' -FAM/ CGG TGA TGC ATA GG				
SMN1 forward amplification				
5'-TTT GTA AAG GTG CCC ACT	CCT -3'			
SMN1 reverse amplification p				
	Primer and Probe Informa	ation		
Select a reference gene: * Beta-actin (ACTB)				
YOU MUST specify gene nam	e and symbol			
_				
Was a commercial kit used? *				
No				
Reference gene probe sequer 5'- HEX/ TTC TGA CCT GAA GG	nce including dye and quencher: C TCT GCG CG /3IABLFQ/ -3'			
Reference gene forward amp	lification primer sequence:			
5'-TTT GGA CCT GCG AGC G -3				
Reference gene reverse ampli				
5'-GAG CGG CTG TCT CCA CAA	GT-3'			
SMN1 Exon 7				
SIVIIN EXUII / Specimen Number	Clinical Assessment *	Comments		
20214017001	Screen Negative (no follow			
Specimen Number	Clinical Assessment *	Comments		
20214017002	Screen Positive (SMN1 out	_		
Specimen Number	Clinical Assessment * Unsatisfactory sample (SMI	Comments		
Specimen Number	Clinical Assessment *	Comments		
20214017004	Screen Positive (SMN1 out			
Specimen Number	Clinical Assessment *	Comments		
20214017005	Screen Negative (no follow	_		

NOTE:

After you click submit your submission will be locked and cannot be changed. Navigate to the SMAPT Entry Page to Make Edits



-Required F

About NSOAP Self-Service Portal

2. If edits are necessary, navigate back to the SMA entry page and make changes as described in section 1 or click the link 'Navigate to the SMAPT Entry Page to Make Edits'.

SMN1 Exon 7		
Specimen Number	Clinical Assessment *	Comments
20214017001	Screen Negative (no follow up requ	—
Specimen Number	Clinical Assessment *	Comments
20214017002	Screen Positive (SMN1 out of range	—
Specimen Number	Clinical Assessment *	Comments
20214017003	Unsatisfactory sample (SMN1 and	—
Specimen Number	Clinical Assessment *	Comments
20214017004	Screen Positive (SMN1 out of range	—
Specimen Number	Clinical Assessment *	Comments
20214017005	Screen Negative (no follow up requ	—

NOTE:

After you click submit your submission will be locked and cannot be changed. Navigate to the SMAPT Entry Page to Make Edits

3. After reviewing, submit your results by clicking the 'Submit' button. See section 2.3 for additional details.

Specimen Number	Clinical Assessment *	Comments
20214017003	Unsatisfactory sample (SMN1 and	_
Specimen Number	Clinical Assessment *	Comments
Specimen Number	Clinical Assessment	comments
20214017004	Screen Positive (SMN1 out of range	—
Specimen Number	Clinical Assessment *	Comments
20214017005	Screen Negative (no follow up requ	_

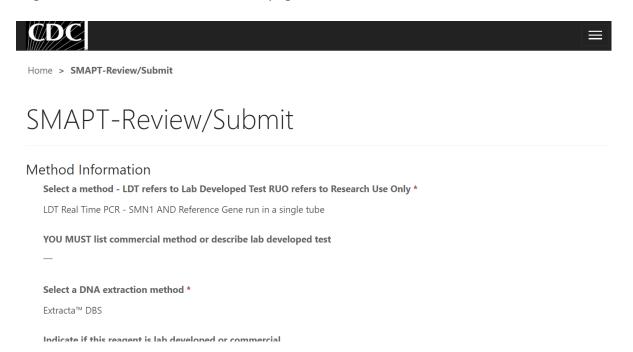
NOTE:

After you click submit your submission will be locked and cannot be changed. Navigate to the SMAPT Entry Page to Make Edits



2.3 Submit

1. Navigate to the 'SMAPT Review/Submit' page to submit SMAPT method information and results.



2. After reviewing the SMA review and submit page, submit results by clicking the 'Submit' button located at the bottom of the page.

Specimen Number	Clinical Assessment *	Comments
20214017003	Unsatisfactory sample (SMN1 and	_
Specimen Number 20214017004	Clinical Assessment * Screen Positive (SMN1 out of range	Comments
Specimen Number	Clinical Assessment *	Comments
20214017005	Screen Negative (no follow up requ	—

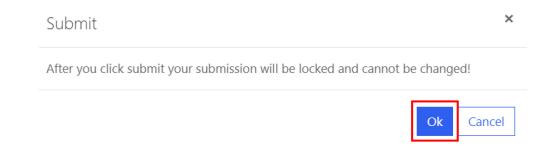
NOTE:

After you click submit your submission will be locked and cannot be changed. Navigate to the SMAPT Entry Page to Make Edits



3. You will be prompted to confirm that you are ready to submit. Click **'Ok'** to confirm and submit your SMAPT program information and data.

NOTE: You are only allowed to submit your results **ONCE**. You must review and ensure your entered information and data is accurate **PRIOR** to submitting.



4. Once your data is successfully submitted you will be directed to a confirmation page.

CDC .	
Home > SMAPT-Review/Submit	
SMAPT-Review/Submit	
Your SMAPT results have been submitted. You will no longer be able to edit or submit SMAPT results for this event.	x
*-Required Field.	
About NSQAP Self-Service Portal	
This program is cosponsored by the Centers for Disease Control and Prevention (CDC) and the Association of Public Health Laboratories (APHL).	

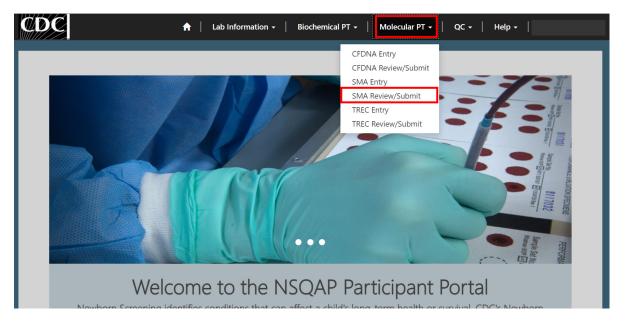
5. The SMAPT data entry page cannot be accessed after submission. You can view your submitted data in a read-only format by accessing the review and submit page (see sections 2.1 and 2.2).

2.4 Save Data - Pdf Format

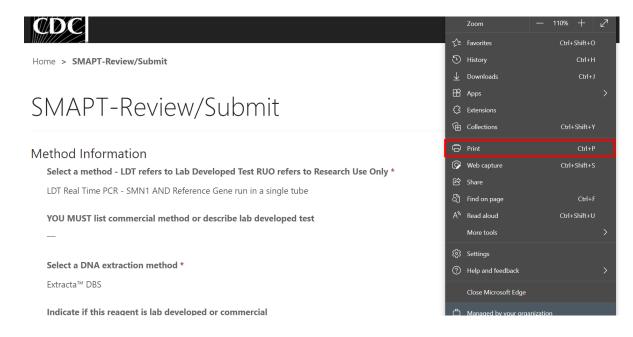
Submitted data can be saved in a pdf format by using the 'Save a PDF' function included in your web browser.

Note: The location and appearance of this functionality will vary depending on the web browser being used.

1. Navigate to the review and submit page as described in section 2.1.



2. Locate the "Print' function on your web browser.



3. Select 'Save as PDF'.

Print ? Total: 3 pages	Home (/) > SMAPT-Review/Submit
Printer	
Save as PDF V	SMAPT-Review/Submit
Save as PDF	
Snagit 2020 Ready	Method Information
Send To OneNote 2013	Select a method - LDT refers to Lab Developed Test RUO refers to Research Use Only *
Ready	LDT Real Time PCR - SMN1 AND Reference Gene run in a single tube
OneNote (Desktop) Ready	YOU MUST list commercial method or describe lab developed test
Microsoft XPS Document Writer	
Mana anticas	Select a DNA extraction method *
More settings v	Extracta [™] DBS
Save Cancel	Indicate if this reagent is lab developed or commercial
	-

4. Select 'Landscape' as the layout choice.

Print ? Total: 4 pages	
Printer	Home (/) > SMAPT-Review/Submit
Save as PDF V	SMAPT-Review/Submit
Layout	
O Portrait	Method Information
O Landscape	Select a method - LDT refers to Lab Developed Test RUO refers to Research Use Only *
Pages	LDT Real Time PCR - SMN1 AND Reference Gene run in a single tube
O All	YOU MUST list commercial method or describe lab developed test
e.g. 1-5, 8, 11-13	-
More settings \sim	Select a DNA extraction method *
Troubleshoot printer issues	Extracta™ DBS
Save Cancel	Indicate if this reagent is lab developed or commercial

5. Select 'More Settings'.

Pages
All

	LUI Real Time PCR - SMN1 AND Reference Gene run in a single tube	
	YOU MUST list commercial method or describe lab developed test	
8, 11-13	-	
	Select a DNA extraction method *	
✓ ter issues	Extracta™ DBS	
Cancel	Indicate if this reagent is lab developed or commercial	Ŧ
		•

6. Adjust the scale percentage to 60%.

Print ?		ĺ
lotal. 2 pages	Home (/) > SMAPT-Review/Submit	l
		l
O e.g. 1-5, 8, 11-13	SMAPT-Review/Submit	
	Method Information	l
Fewer settings \land	Select a method - LDT refers to Lab Developed Test RUO refers to Research Use Only *	
	LDT Real Time PCR - SMN1 AND Reference Gene run in a single tube	
Paper size	YOU MUST list commercial method or describe lab developed test	
Letter ~	-	
	Select a DNA extraction method *	
Scale (%)	Extracta [™] DBS	
	Indicate if this reagent is lab developed or commercial	
	-	
Pages per sheet	SMN1 Assay Primer and Probe Information	
	Was a commercial kit used? *	
Ľ	No	
Maurica	SMN1 probe sequence including dye and quencher:	
Marqins	5' -FAM/ CGG TGA TGC ATA GGC ACC TGC /3IABLFQ/ -3'	
Save Cancel	SMN1 forward amplification primer sequence:	•

7. Select 'Save' to save the pdf file to your local drive's folder of choice.

Print ? Total: 2 pages Printer	Home (/) > SMAPT-Review/Submit
Save as PDF V	SMAPT-Review/Submit
Layout	Method Information Select a method - LDT refers to Lab Developed Test RUO refers to Research Use Only *
O Portrait	LDT Real Time PCR - SMN1 AND Reference Gene run in a single tube
O Landscape	YOU MUST list commercial method or describe lab developed test —
Deges	Select a DNA extraction method *
Pages	Extracta ^w DBS
	Indicate if this reagent is lab developed or commercial
O e.g. 1-5, 8, 11-13	-
	SMN1 Assay Primer and Probe Information
More settings ~	Was a commercial kit used? * No
Troubleshoot printer issues	
	SMN1 probe sequence including dye and quencher:
	5' -FAM/ CGG TGA TGC ATA GGC ACC TGC /3IABLFQ/ -3'
Save Cancel	SMN1 forward amplification primer sequence: