

#1

**COMPLETE**

**Collector:** Email Invitation1 (Email)  
**Started:** Tuesday, November 12, 2019 9:25:14 PM  
**Last Modified:** Tuesday, November 12, 2019 9:27:35 PM  
**Time Spent:** 00:02:21  
**Email:**  
**IP Address:**

Page 1: BioMarin Company Survey

**Q1** Please enter your unique individual Survey Monkey code that has been previously sent to you by Julian Arbuckle:

2531

**Q2** What's your company's R&D spend in 2018? **≤\$500M**

**Q3** Does your company track and reconcile the following samples before database lock of a clinical trial? **Samples for other planned testing (PK, ADA, specific biomarkers)**

**Q4** Does your company track sample collection via EDC or other IT system (other than central lab portal)? **No**

**Q5** If you answered "Yes" to Q3, which of the following are tracked via EDC or other IT system? **Respondent skipped this question**

**Q6** In terms of reconciliation of missing samples, do you focus on? **All samples**

**Q7** Does your company track and reconcile samples collected for testing at local labs? **Yes**

**Q8** What are the average man hours to reconcile a single missing sample at your company? **>5 hrs**

**Q9** Would your company be interested in learning about an innovative approach to track sample collection and reconcile missing samples with less efforts? **Yes**

#2

**COMPLETE**

**Collector:** Email Invitation1 (Email)  
**Started:** Tuesday, November 12, 2019 9:37:32 PM  
**Last Modified:** Tuesday, November 12, 2019 9:41:57 PM  
**Time Spent:** 00:04:25  
**Email:**  
**IP Address:**

Page 1: BioMarin Company Survey

**Q1** Please enter your unique individual Survey Monkey code that has been previously sent to you by Julian Arbuckle:

9901

**Q2** What's your company's R&D spend in 2018? **\$1-2.99B**

**Q3** Does your company track and reconcile the following samples before database lock of a clinical trial?  
**Samples for other planned testing (PK, ADA, specific biomarkers)** ,  
**Samples for unspecified testing during the study or after end of study**

**Q4** Does your company track sample collection via EDC or other IT system (other than central lab portal)? **Yes**

**Q5** If you answered "Yes" to Q3, which of the following are tracked via EDC or other IT system?  
**Samples for other planned testing (PK, ADA, specific biomarkers)** ,  
**Samples for unspecified testing during the study or after end of study**

**Q6** In terms of reconciliation of missing samples, do you focus on? **All samples**

**Q7** Does your company track and reconcile samples collected for testing at local labs? **No**

**Q8** What are the average man hours to reconcile a single missing sample at your company? **>5 hrs**

**Q9** Would your company be interested in learning about an innovative approach to track sample collection and reconcile missing samples with less efforts? **No**

#3

**COMPLETE**

**Collector:** Email Invitation1 (Email)  
**Started:** Tuesday, November 12, 2019 11:25:01 PM  
**Last Modified:** Tuesday, November 12, 2019 11:26:44 PM  
**Time Spent:** 00:01:43  
**Email:**  
**IP Address:**

Page 1: BioMarin Company Survey

**Q1** Please enter your unique individual Survey Monkey code that has been previously sent to you by Julian Arbuckle:

5965

**Q2** What's your company's R&D spend in 2018? **≤\$500M**

**Q3** Does your company track and reconcile the following samples before database lock of a clinical trial? **Samples for other planned testing (PK, ADA, specific biomarkers)**

**Q4** Does your company track sample collection via EDC or other IT system (other than central lab portal)? **No**

**Q5** If you answered "Yes" to Q3, which of the following are tracked via EDC or other IT system? **Samples for other planned testing (PK, ADA, specific biomarkers)** , **Samples for unspecified testing during the study or after end of study**

**Q6** In terms of reconciliation of missing samples, do you focus on? **All samples**

**Q7** Does your company track and reconcile samples collected for testing at local labs? **Yes**

**Q8** What are the average man hours to reconcile a single missing sample at your company? **2 hrs ≤ 5 hrs**

**Q9** Would your company be interested in learning about an innovative approach to track sample collection and reconcile missing samples with less efforts? **Yes**

#4

**COMPLETE**

**Collector:** Email Invitation1 (Email)  
**Started:** Wednesday, November 13, 2019 12:38:45 AM  
**Last Modified:** Wednesday, November 13, 2019 12:43:06 AM  
**Time Spent:** 00:04:21  
**Email:**  
**IP Address:**

Page 1: BioMarin Company Survey

**Q1** Please enter your unique individual Survey Monkey code that has been previously sent to you by Julian Arbuckle:

9004

**Q2** What's your company's R&D spend in 2018? ≤\$500M

**Q3** Does your company track and reconcile the following samples before database lock of a clinical trial? **Samples for other planned testing (PK, ADA, specific biomarkers)**

**Q4** Does your company track sample collection via EDC or other IT system (other than central lab portal)? **Yes**

**Q5** If you answered "Yes" to Q3, which of the following are tracked via EDC or other IT system? **Samples used for routine safety testing (e.g., hematology, blood chemistry, urinalysis)**  
 ,  
**Samples for other planned testing (PK, ADA, specific biomarkers)** ,  
**Samples for unspecified testing during the study or after end of study**

**Q6** In terms of reconciliation of missing samples, do you focus on? **Only samples related to any clinical trial endpoints**

**Q7** Does your company track and reconcile samples collected for testing at local labs? **No**

**Q8** What are the average man hours to reconcile a single missing sample at your company? **1-2 hrs**

**Q9** Would your company be interested in learning about an innovative approach to track sample collection and reconcile missing samples with less efforts? **Yes**

#5

**COMPLETE**

**Collector:** Email Invitation1 (Email)  
**Started:** Wednesday, November 13, 2019 9:30:45 PM  
**Last Modified:** Wednesday, November 13, 2019 9:33:09 PM  
**Time Spent:** 00:02:23  
**Email:**  
**IP Address:**

Page 1: BioMarin Company Survey

**Q1** Please enter your unique individual Survey Monkey code that has been previously sent to you by Julian Arbuckle:

7333

**Q2** What's your company's R&D spend in 2018? **≥\$3B**

**Q3** Does your company track and reconcile the following samples before database lock of a clinical trial?

	<b>Samples used for routine safety testing (e.g., hematology, blood chemistry, urinalysis)</b>
	,
	<b>Samples for other planned testing (PK, ADA, specific biomarkers)</b>
	,
	<b>Samples for unspecified testing during the study or after end of study</b>

**Q4** Does your company track sample collection via EDC or other IT system (other than central lab portal)? **No**

**Q5** If you answered "Yes" to Q3, which of the following are tracked via EDC or other IT system? **Respondent skipped this question**

**Q6** In terms of reconciliation of missing samples, do you focus on? **All samples**

**Q7** Does your company track and reconcile samples collected for testing at local labs? **Respondent skipped this question**

**Q8** What are the average man hours to reconcile a single missing sample at your company? **2 hrs≤5 hrs**

**Q9** Would your company be interested in learning about an innovative approach to track sample collection and reconcile missing samples with less efforts? **Yes**

#6

**COMPLETE**

**Collector:** Email Invitation1 (Email)  
**Started:** Thursday, November 14, 2019 12:32:32 AM  
**Last Modified:** Thursday, November 14, 2019 12:36:57 AM  
**Time Spent:** 00:04:25  
**Email:**  
**IP Address:**

Page 1: BioMarin Company Survey

**Q1** Please enter your unique individual Survey Monkey code that has been previously sent to you by Julian Arbuckle:

8008

**Q2** What's your company's R&D spend in 2018? **\$1-2.99B**

**Q3** Does your company track and reconcile the following samples before database lock of a clinical trial?

**Samples used for routine safety testing (e.g., hematology, blood chemistry, urinalysis)**

,

**Samples for other planned testing (PK, ADA, specific biomarkers)**

,

**Samples for unspecified testing during the study or after end of study**

**Q4** Does your company track sample collection via EDC or other IT system (other than central lab portal)? **Yes**

**Q5** If you answered "Yes" to Q3, which of the following are tracked via EDC or other IT system?

**Samples used for routine safety testing (e.g., hematology, blood chemistry, urinalysis)**

,

**Samples for other planned testing (PK, ADA, specific biomarkers)**

,

**Samples for unspecified testing during the study or after end of study**

**Q6** In terms of reconciliation of missing samples, do you focus on? **All samples**

**Q7** Does your company track and reconcile samples collected for testing at local labs? **No**

**Q8** What are the average man hours to reconcile a single missing sample at your company?

Other (please specify):  
 Hours are dependent on site response

**Q9** Would your company be interested in learning about an innovative approach to track sample collection and reconcile missing samples with less efforts? **Yes**

#7

**COMPLETE**

**Collector:** Email Invitation1 (Email)  
**Started:** Thursday, November 14, 2019 1:36:29 PM  
**Last Modified:** Thursday, November 14, 2019 1:39:30 PM  
**Time Spent:** 00:03:00  
**Email:**  
**IP Address:**

Page 1: BioMarin Company Survey

**Q1** Please enter your unique individual Survey Monkey code that has been previously sent to you by Julian Arbuckle:

3444

**Q2** What's your company's R&D spend in 2018? **\$501M-999M**

**Q3** Does your company track and reconcile the following samples before database lock of a clinical trial?  
**Samples for other planned testing (PK, ADA, specific biomarkers)**  
**Samples for unspecified testing during the study or after end of study**

**Q4** Does your company track sample collection via EDC or other IT system (other than central lab portal)? **No**

**Q5** If you answered "Yes" to Q3, which of the following are tracked via EDC or other IT system? **Respondent skipped this question**

**Q6** In terms of reconciliation of missing samples, do you focus on? **All samples**

**Q7** Does your company track and reconcile samples collected for testing at local labs? **Yes**

**Q8** What are the average man hours to reconcile a single missing sample at your company? **Other (please specify):  
unkown**

**Q9** Would your company be interested in learning about an innovative approach to track sample collection and reconcile missing samples with less efforts? **Yes**

#8

**COMPLETE**

**Collector:** Email Invitation1 (Email)  
**Started:** Tuesday, November 19, 2019 10:22:08 PM  
**Last Modified:** Tuesday, November 19, 2019 10:37:45 PM  
**Time Spent:** 00:15:36  
**Email:**  
**IP Address:**

Page 1: BioMarin Company Survey

**Q1** Please enter your unique individual Survey Monkey code that has been previously sent to you by Julian Arbuckle:

2279

**Q2** What's your company's R&D spend in 2018? **≤\$500M**

**Q3** Does your company track and reconcile the following samples before database lock of a clinical trial?

**Samples used for routine safety testing (e.g., hematology, blood chemistry, urinalysis)**

,

**Samples for other planned testing (PK, ADA, specific biomarkers)**

,

**Samples for unspecified testing during the study or after end of study**

**Q4** Does your company track sample collection via EDC or other IT system (other than central lab portal)? **Yes**

**Q5** If you answered "Yes" to Q3, which of the following are tracked via EDC or other IT system? **Samples for unspecified testing during the study or after end of study**

**Q6** In terms of reconciliation of missing samples, do you focus on? **Only samples related to primary or secondary clinical trial endpoints**

**Q7** Does your company track and reconcile samples collected for testing at local labs? **No**

**Q8** What are the average man hours to reconcile a single missing sample at your company? **1-2 hrs**

**Q9** Would your company be interested in learning about an innovative approach to track sample collection and reconcile missing samples with less efforts? **Yes**

#9

**COMPLETE**

**Collector:** Email Invitation1 (Email)  
**Started:** Wednesday, November 20, 2019 4:14:26 AM  
**Last Modified:** Wednesday, November 20, 2019 5:24:27 AM  
**Time Spent:** 01:10:00  
**Email:**  
**IP Address:**

Page 1: BioMarin Company Survey

**Q1** Please enter your unique individual Survey Monkey code that has been previously sent to you by Julian Arbuckle:

8354

**Q2** What's your company's R&D spend in 2018? **≥\$3B**

**Q3** Does your company track and reconcile the following samples before database lock of a clinical trial?

**Samples used for routine safety testing (e.g., hematology, blood chemistry, urinalysis)**

,

**Samples for other planned testing (PK, ADA, specific biomarkers)**

,

**Samples for unspecified testing during the study or after end of study**

**Q4** Does your company track sample collection via EDC or other IT system (other than central lab portal)? **Yes**

**Q5** If you answered "Yes" to Q3, which of the following are tracked via EDC or other IT system?

**Samples used for routine safety testing (e.g., hematology, blood chemistry, urinalysis)**

,

**Samples for other planned testing (PK, ADA, specific biomarkers)**

,

**Samples for unspecified testing during the study or after end of study**

**Q6** In terms of reconciliation of missing samples, do you focus on? **All samples**

**Q7** Does your company track and reconcile samples collected for testing at local labs? **Yes**

**Q8** What are the average man hours to reconcile a single missing sample at your company?

Other (please specify):  
 This can vary; reconciliation involves contact with and feedback from the clinical site. TAT is dependent upon site response time.

**Q9** Would your company be interested in learning about an innovative approach to track sample collection and reconcile missing samples with less efforts? **No**

# #10

**COMPLETE**

**Collector:** Email Invitation1 (Email)  
**Started:** Friday, November 22, 2019 11:21:00 PM  
**Last Modified:** Friday, November 22, 2019 11:28:53 PM  
**Time Spent:** 00:07:52  
**Email:**  
**IP Address:**

Page 1: BioMarin Company Survey

**Q1** Please enter your unique individual Survey Monkey code that has been previously sent to you by Julian Arbuckle:

2772

**Q2** What's your company's R&D spend in 2018? **≥\$3B**

**Q3** Does your company track and reconcile the following samples before database lock of a clinical trial?

	<b>Samples used for routine safety testing (e.g., hematology, blood chemistry, urinalysis)</b>
	,
	<b>Samples for other planned testing (PK, ADA, specific biomarkers)</b>

**Q4** Does your company track sample collection via EDC or other IT system (other than central lab portal)? **No**

**Q5** If you answered "Yes" to Q3, which of the following are tracked via EDC or other IT system? **Respondent skipped this question**

**Q6** In terms of reconciliation of missing samples, do you focus on? **Only samples related to any clinical trial endpoints**

**Q7** Does your company track and reconcile samples collected for testing at local labs? **Yes**

**Q8** What are the average man hours to reconcile a single missing sample at your company? Other (please specify):  
Don't know/hard to come up with an estimate

**Q9** Would your company be interested in learning about an innovative approach to track sample collection and reconcile missing samples with less efforts? **Yes**

#11

**COMPLETE**

**Collector:** Email Invitation1 (Email)  
**Started:** Friday, November 22, 2019 11:41:36 PM  
**Last Modified:** Friday, November 22, 2019 11:45:48 PM  
**Time Spent:** 00:04:11  
**Email:**  
**IP Address:**

Page 1: BioMarin Company Survey

**Q1** Please enter your unique individual Survey Monkey code that has been previously sent to you by Julian Arbuckle:

3287

**Q2** What's your company's R&D spend in 2018? **\$1-2.99B**

**Q3** Does your company track and reconcile the following samples before database lock of a clinical trial?

**Samples used for routine safety testing (e.g., hematology, blood chemistry, urinalysis)**

,

**Samples for other planned testing (PK, ADA, specific biomarkers)**

,

**Samples for unspecified testing during the study or after end of study**

**Q4** Does your company track sample collection via EDC or other IT system (other than central lab portal)? **Yes**

**Q5** If you answered "Yes" to Q3, which of the following are tracked via EDC or other IT system?

**Samples used for routine safety testing (e.g., hematology, blood chemistry, urinalysis)**

,

**Samples for other planned testing (PK, ADA, specific biomarkers)**

,

**Samples for unspecified testing during the study or after end of study**

**Q6** In terms of reconciliation of missing samples, do you focus on? **All samples**

**Q7** Does your company track and reconcile samples collected for testing at local labs? **Yes**

**Q8** What are the average man hours to reconcile a single missing sample at your company? **1-2 hrs**

**Q9** Would your company be interested in learning about an innovative approach to track sample collection and reconcile missing samples with less efforts? **No**

# #12

**COMPLETE**

**Collector:** Email Invitation1 (Email)  
**Started:** Sunday, November 24, 2019 8:29:28 AM  
**Last Modified:** Sunday, November 24, 2019 8:38:00 AM  
**Time Spent:** 00:08:32  
**Email:**  
**IP Address:**

Page 1: BioMarin Company Survey

<b>Q1</b> Please enter your unique individual Survey Monkey code that has been previously sent to you by Julian Arbuckle:	Respondent skipped this question
<b>Q2</b> What's your company's R&D spend in 2018?	\$501M-999M
<b>Q3</b> Does your company track and reconcile the following samples before database lock of a clinical trial?	Samples used for routine safety testing (e.g., hematology, blood chemistry, urinalysis)
<b>Q4</b> Does your company track sample collection via EDC or other IT system (other than central lab portal)?	No
<b>Q5</b> If you answered "Yes" to Q3, which of the following are tracked via EDC or other IT system?	Respondent skipped this question
<b>Q6</b> In terms of reconciliation of missing samples, do you focus on?	Only samples related to primary or secondary clinical trial endpoints
<b>Q7</b> Does your company track and reconcile samples collected for testing at local labs?	Yes
<b>Q8</b> What are the average man hours to reconcile a single missing sample at your company?	Other (please specify): Not known
<b>Q9</b> Would your company be interested in learning about an innovative approach to track sample collection and reconcile missing samples with less efforts?	Yes

# #13

**COMPLETE**

**Collector:** Email Invitation1 (Email)  
**Started:** Wednesday, November 27, 2019 10:19:08 AM  
**Last Modified:** Wednesday, November 27, 2019 10:21:16 AM  
**Time Spent:** 00:02:08  
**Email:**  
**IP Address:**

Page 1: BioMarin Company Survey

<b>Q1</b> Please enter your unique individual Survey Monkey code that has been previously sent to you by Julian Arbuckle:	Respondent skipped this question
<b>Q2</b> What's your company's R&D spend in 2018?	≥\$3B
<b>Q3</b> Does your company track and reconcile the following samples before database lock of a clinical trial?	Samples for other planned testing (PK, ADA, specific biomarkers)
<b>Q4</b> Does your company track sample collection via EDC or other IT system (other than central lab portal)?	No
<b>Q5</b> If you answered "Yes" to Q3, which of the following are tracked via EDC or other IT system?	Samples used for routine safety testing (e.g., hematology, blood chemistry, urinalysis) , Samples for other planned testing (PK, ADA, specific biomarkers) , Samples for unspecified testing during the study or after end of study
<b>Q6</b> In terms of reconciliation of missing samples, do you focus on?	Only samples related to primary or secondary clinical trial endpoints
<b>Q7</b> Does your company track and reconcile samples collected for testing at local labs?	No
<b>Q8</b> What are the average man hours to reconcile a single missing sample at your company?	>5 hrs
<b>Q9</b> Would your company be interested in learning about an innovative approach to track sample collection and reconcile missing samples with less efforts?	Yes