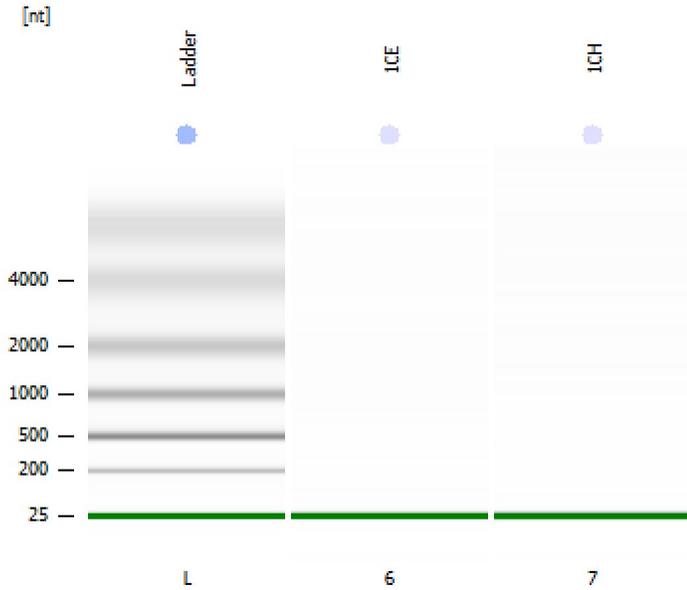


Assay Class: Eukaryote Total RNA Pico  
Data Path: C:\Users\sbsuser\Desktop\2023-06-08\QC1508.xad

Created: 6/8/2023 4:37:20 PM  
Modified: 6/9/2023 7:00:53 AM

**Electrophoresis File Run Summary**



Instrument Information:

Instrument Name: DE34903152      Firmware: C.01.069  
Serial#: DE34903152      Type: G2938C

Assay Information:

Assay Origin Path: C:\Program Files (x86)\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\Eukaryote Total RNA Pico Series II.xsy

Assay Class: Eukaryote Total RNA Pico

Version: 2.6

Assay Comments: Total RNA Analysis pg sensitivity (Eukaryote)

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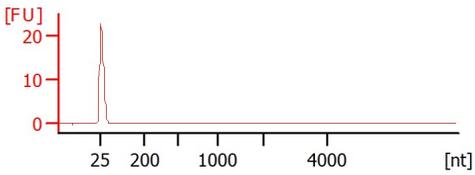
Chip Information:

Chip Lot #:

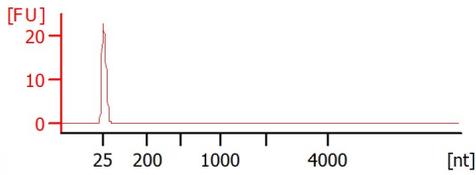
Reagent Kit Lot #:

Chip Comments:

QC1508  
RIN:1  
**1CE**



QC1508  
RIN:1  
**1CH**



Assay Class: Eukaryote Total RNA Pico  
Data Path: C:\Users\sbsuser\Desktop\2023-06-08\QC1508.xad

Created: 6/8/2023 4:37:20 PM  
Modified: 6/9/2023 7:00:53 AM

**Electrophoresis File Run Summary (Chip Summary)**

Sample Name	Sample Comment	Status	Result Label	Result Color
1CE	QC1508	✓	RIN:1	
1CH	QC1508	✓	RIN:1	
Ladder		✓	All Other Samples	

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Pico  
Data Path: C:\Users\sbsuser\Desktop\2023-06-08\QC1508.xad

Created: 6/8/2023 4:37:20 PM  
Modified: 6/9/2023 7:00:53 AM

## Electrophoresis Assay Details

### General Analysis Settings

Number of Available Sample and Ladder Wells (Max.) : 12  
Minimum Visible Range [s] : 17  
Maximum Visible Range [s] : 70  
Start Analysis Time Range [s] : 18  
End Analysis Time Range [s] : 69  
Ladder Concentration [pg/ $\mu$ l] : 1000  
Lower Marker Concentration [pg/ $\mu$ l] : 0  
Upper Marker Concentration [pg/ $\mu$ l] : 0  
Used Lower Marker for Quantitation  
Standard Curve Fit is Logarithmic  
Show Data Aligned to Lower Marker

### Integrator Settings

Integration Start Time [s] : 18  
Integration End Time [s] : 69  
Slope Threshold : 0.6  
Height Threshold [FU] : 0.5  
Area Threshold : 0.2  
Width Threshold [s] : 0.3  
Baseline Plateau [s] : 6

### Filter Settings

Filter Width [s] : 0.5  
Polynomial Order : 4

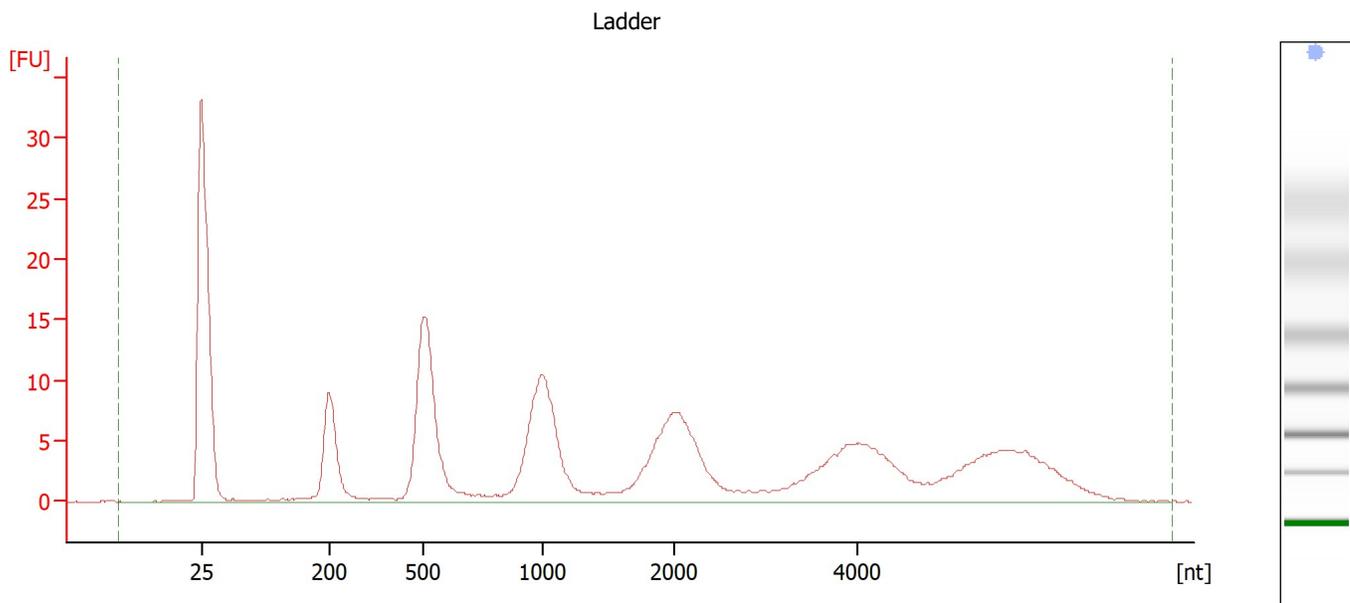
### Ladder

Ladder Peak	Size
1	25
2	200
3	500
4	1000
5	2000
6	4000

Assay Class: Eukaryote Total RNA Pico  
Data Path: C:\Users\sbsuser\Desktop\2023-06-08\QC1508.xad

Created: 6/8/2023 4:37:20 PM  
Modified: 6/9/2023 7:00:53 AM

**Electropherogram Summary**



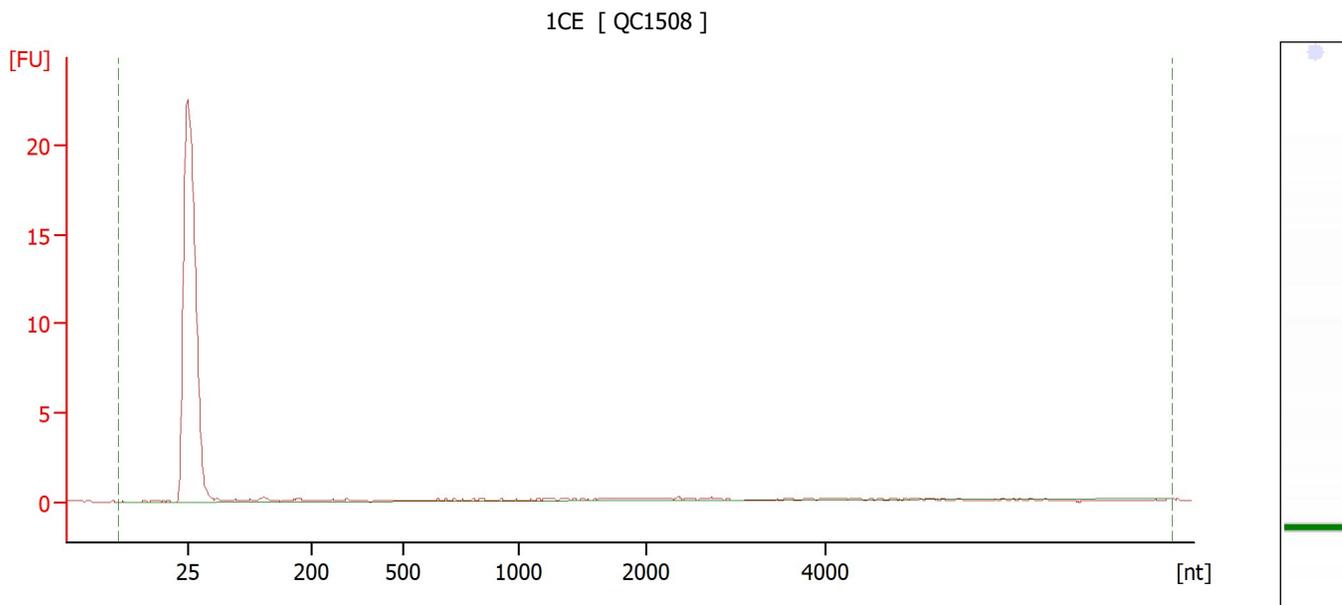
**Overall Results for Ladder**

RNA Area:	244.0	Result Flagging Color:	<span style="background-color: #6699ff; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span>
RNA Concentration:	1,000 pg/μl	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Pico  
Data Path: C:\Users\sbsuser\Desktop\2023-06-08\QC1508.xad

Created: 6/8/2023 4:37:20 PM  
Modified: 6/9/2023 7:00:53 AM

**Electropherogram Summary Continued ...**



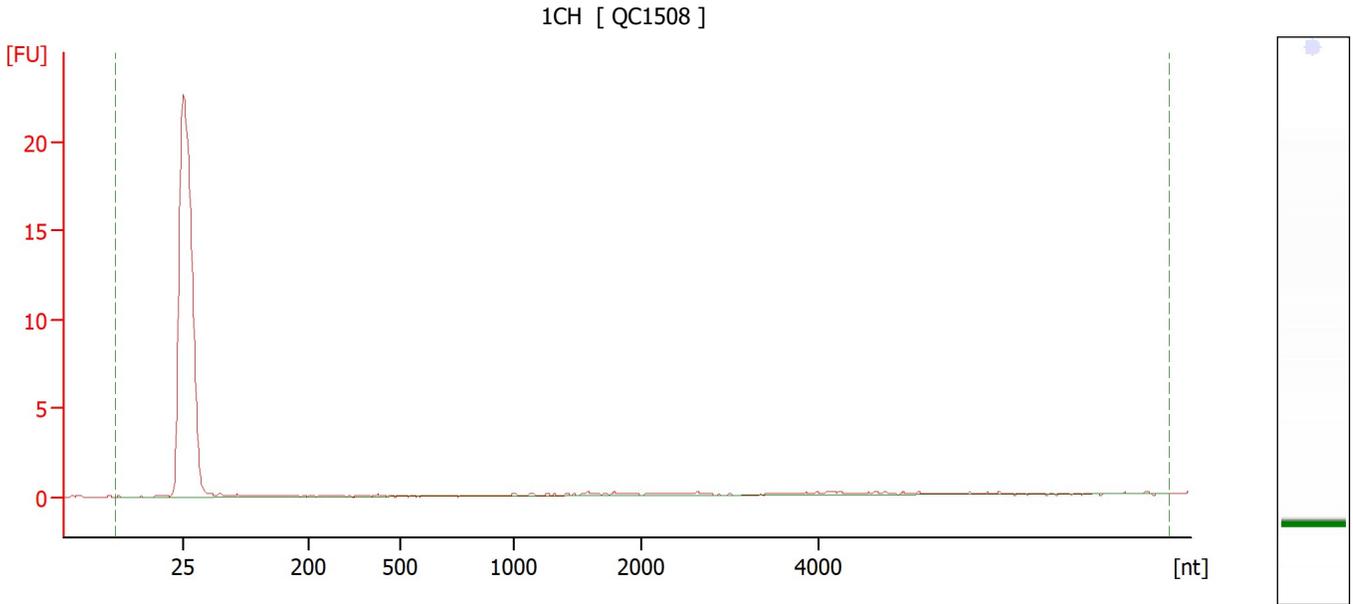
**Overall Results for sample 6 : 1CE**

RNA Area:	9.5	RNA Integrity Number (RIN):	1 (B.02.10)
RNA Concentration:	39 pg/μl	Result Flagging Color:	<span style="background-color: #ccccff; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span>
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN:1

Assay Class: Eukaryote Total RNA Pico  
Data Path: C:\Users\sbsuser\Desktop\2023-06-08\QC1508.xad

Created: 6/8/2023 4:37:20 PM  
Modified: 6/9/2023 7:00:53 AM

**Electropherogram Summary Continued ...**



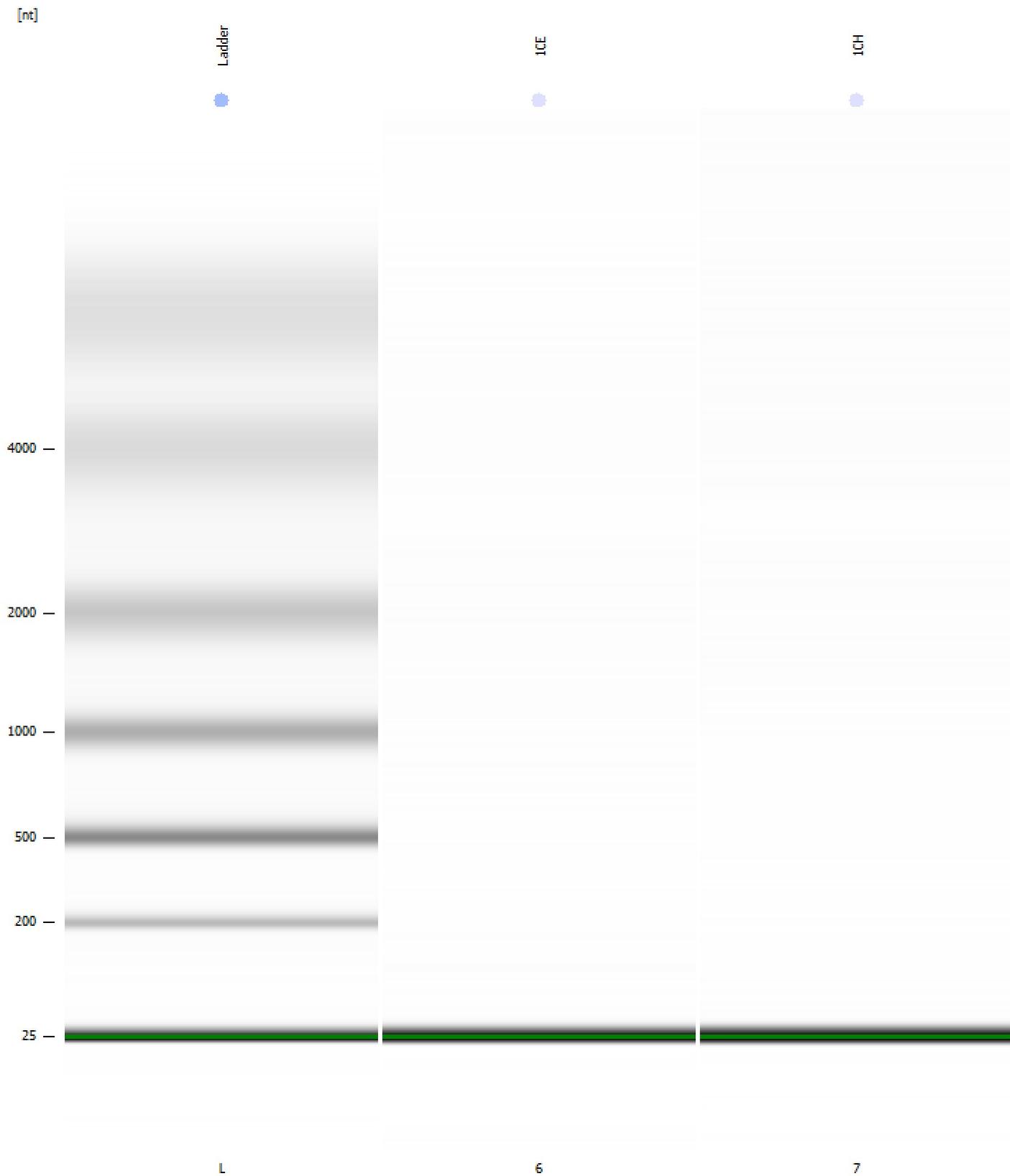
**Overall Results for sample 7 : 1CH**

RNA Area:	7.3	RNA Integrity Number (RIN):	1 (B.02.10)
RNA Concentration:	30 pg/μl	Result Flagging Color:	<span style="background-color: #ccccff; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span>
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN:1

Assay Class: Eukaryote Total RNA Pico  
Data Path: C:\Users\sbsuser\Desktop\2023-06-08\QC1508.xad

Created: 6/8/2023 4:37:20 PM  
Modified: 6/9/2023 7:00:53 AM

**Gel Image**

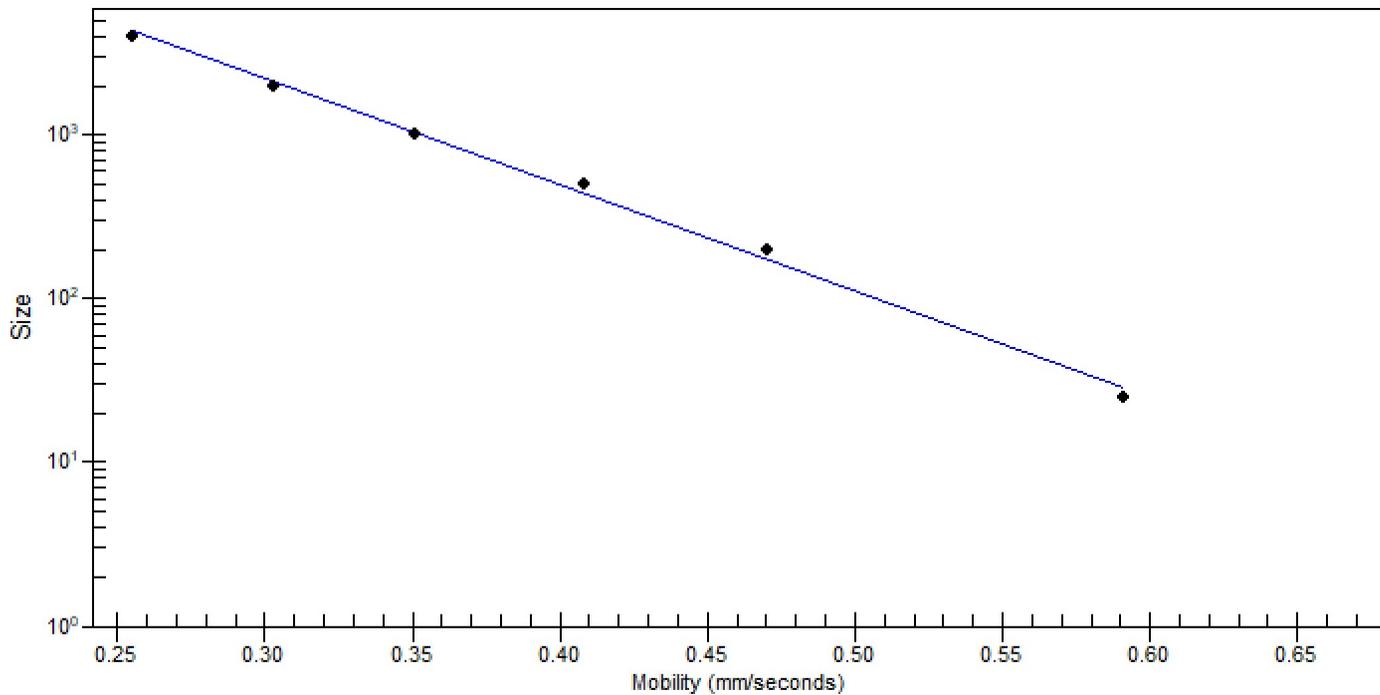


Assay Class: Eukaryote Total RNA Pico  
Data Path: C:\Users\sbsuser\Desktop\2023-06-08\QC1508.xad

Created: 6/8/2023 4:37:20 PM  
Modified: 6/9/2023 7:00:53 AM

**Curves**

**Standard Curve**



Assay Class: Eukaryote Total RNA Pico  
 Data Path: C:\Users\sbsuser\Desktop\2023-06-08\QC1508.xad

Created: 6/8/2023 4:37:20 PM  
 Modified: 6/9/2023 7:00:53 AM

**Run Logbook**

Description	Number	Source	Category	Sub Category	Time	Time Zone	User	Host
Run ended on port 1 (Number of wells acquired: 12)		Instrument	Run		6/8/2023 4:59:23 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Run started on port 1 (File: C:\Users\sbsuser\Desktop\2023-06-08\Bioanalyzer1_Eukaryote Total RNA Pico_2023-06-08_001.xad)		Instrument	Run		6/8/2023 4:37:26 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Product Number : G2938C		Instrument	Run		6/8/2023 4:37:26 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Name :		Instrument	Run		6/8/2023 4:37:26 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Vendor : Agilent Technologies		Instrument	Run		6/8/2023 4:37:26 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Serial# : DE34903152		Instrument	Run		6/8/2023 4:37:26 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Firmware : C.01.069		Instrument	Run		6/8/2023 4:37:26 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Cartridge : Electrode		Instrument	Run		6/8/2023 4:37:26 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB