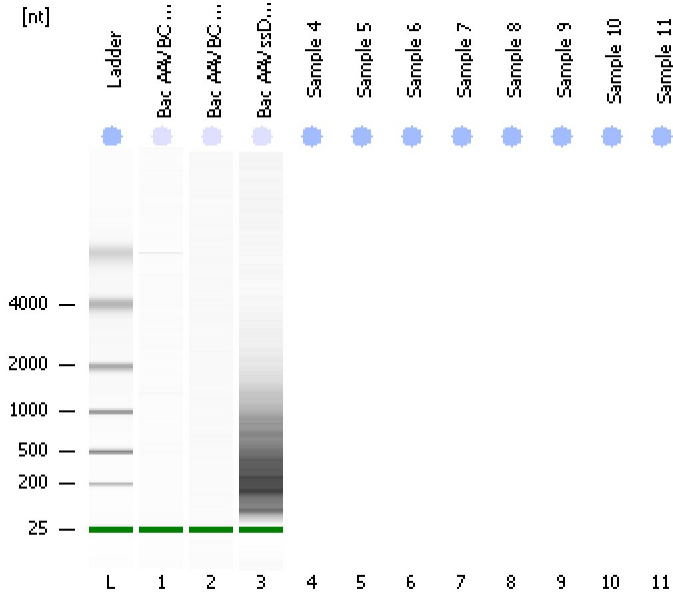


Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2019-09-16\2019-09-16_005.xad

Created: 9/16/2019 5:29:06 PM
Modified: 9/16/2019 5:40:32 PM

Electrophoresis File Run Summary



Instrument Information:

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

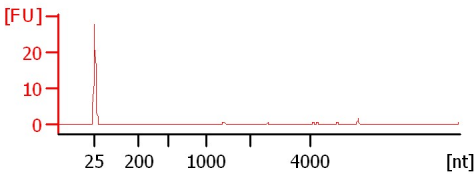
Assay Information:

Assay Origin Path: C:\Program Files\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)
© Copyright 2003 - 2009 Agilent Technologies, Inc.

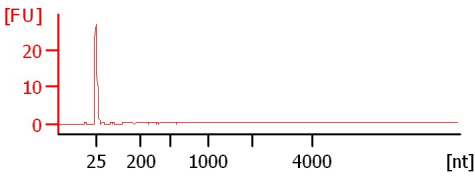
Chip Information:

Chip Lot #:
Reagent Kit Lot #:
Chip Comments:

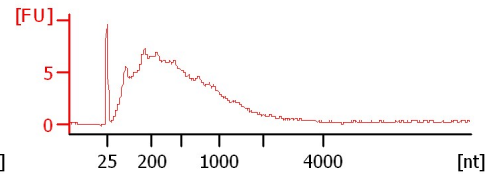
Bac AAV BC DNA 5ul (RNaseIF cleaned)
RIN: 5.70



Bac AAV BC DNA 10ul (RNaseIF cleaned)
RIN: 1



Bac AAV ssDNA (RNaseIF cleaned)
RIN: 2.20



Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2019-09-16\2019-09-16_005.xad

Created: 9/16/2019 5:29:06 PM
Modified: 9/16/2019 5:40:32 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
Bac AAV BC DNA 5ul (RNaseIF cleaned)		✓	RIN: 5.70	
Bac AAV BC DNA 10ul (RNaseIF cleaned)		✓	RIN:1	
Bac AAV ssDNA (RNaseIF		✓	RIN: 2.20	
Sample 4				
Sample 5				
Sample 6				
Sample 7				
Sample 8				
Sample 9				
Sample 10				
Sample 11				
Ladder		✓	All Other Samples	

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2019-09-16\2019-09-16_005.xad

Created: 9/16/2019 5:29:06 PM
Modified: 9/16/2019 5:40:32 PM

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/ μ l] : 1000
Lower Marker Concentration [pg/ μ l] : 0
Upper Marker Concentration [pg/ μ 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

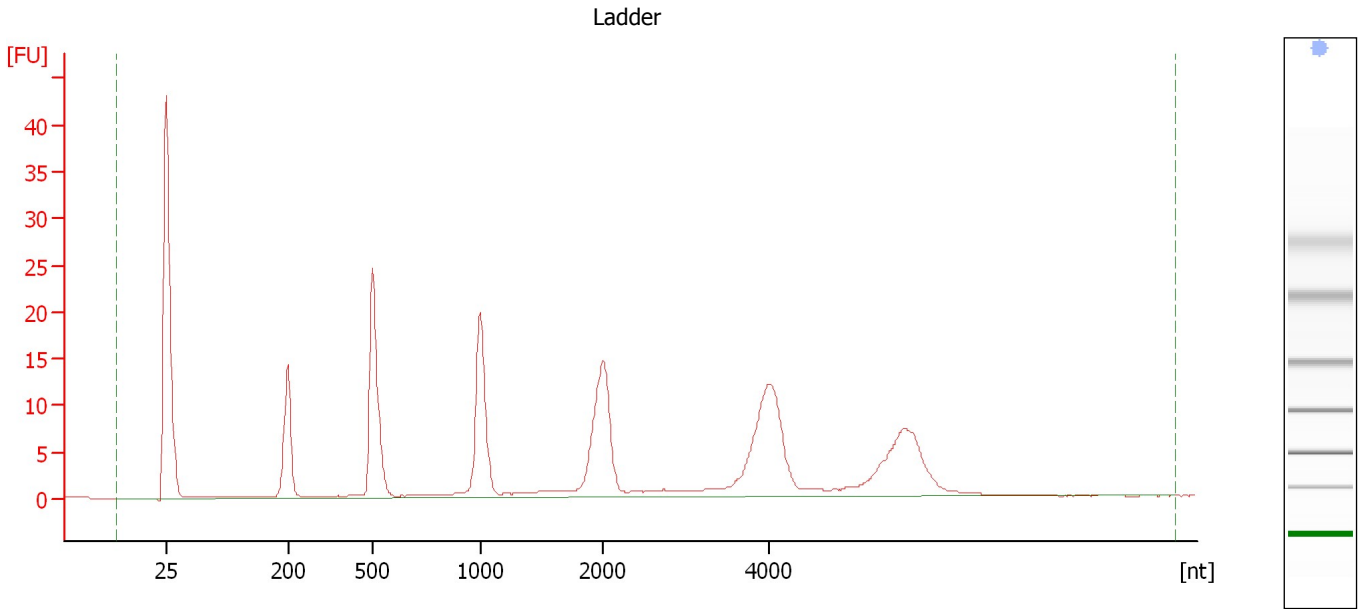
Ladder

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

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2019-09-16\2019-09-16_005.xad

Created: 9/16/2019 5:29:06 PM
Modified: 9/16/2019 5:40:32 PM

Electropherogram Summary



Overall Results for Ladder

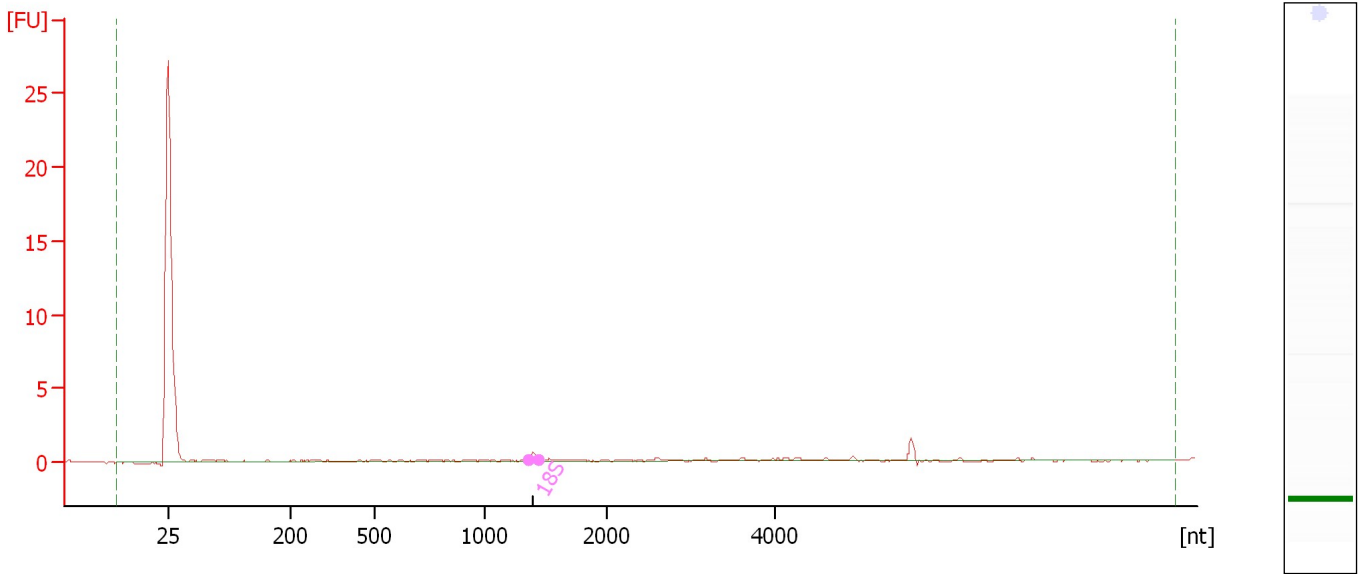
RNA Area:	206.2	Result Flagging Color:	
RNA Concentration:	1,000 pg/μl	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2019-09-16\2019-09-16_005.xad

Created: 9/16/2019 5:29:06 PM
Modified: 9/16/2019 5:40:32 PM

Electropherogram Summary Continued ...

Bac AAV BC DNA 5ul (RNaseIF cleaned)



Overall Results for sample 1 : Bac AAV BC DNA 5ul (RNaseIF cleaned)

RNA Area: 11.0 RNA Integrity Number (RIN): 5.7 (B.02.08)
RNA Concentration: 53 pg/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 0.0 Result Flagging Label: RIN: 5.70

Fragment table for sample 1 : Bac AAV BC DNA 5ul (RNaseIF cleaned)

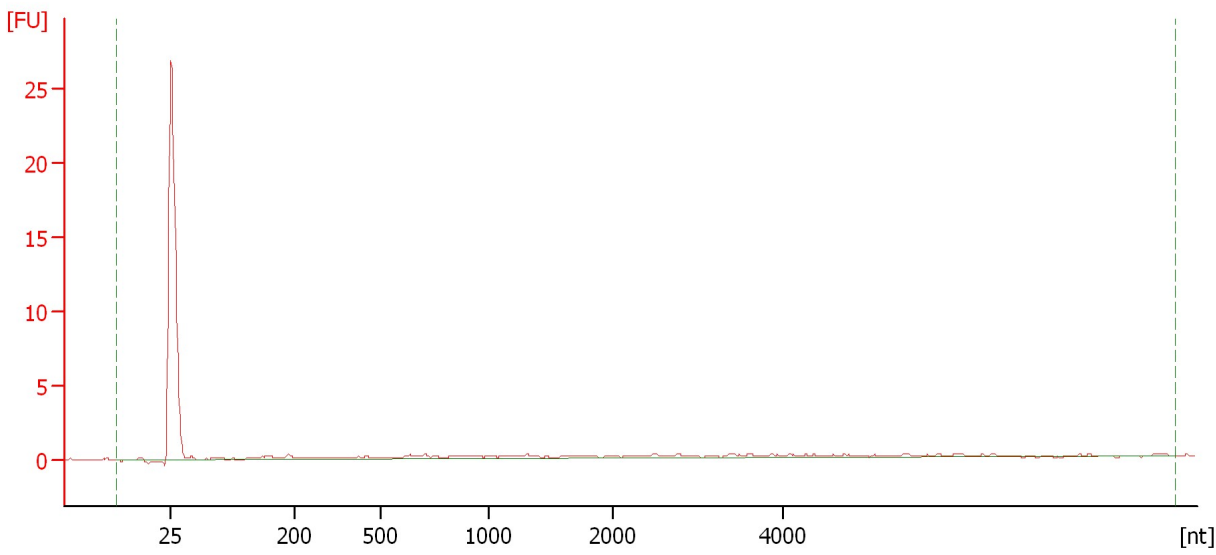
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,360	1,447	0.4	3.3

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2019-09-16\2019-09-16_005.xad

Created: 9/16/2019 5:29:06 PM
Modified: 9/16/2019 5:40:32 PM

Electropherogram Summary Continued ...

Bac AAV BC DNA 10ul (RNaseIF cleaned)



Overall Results for sample 2 : Bac AAV BC DNA 10ul (RNaseIF cleaned)

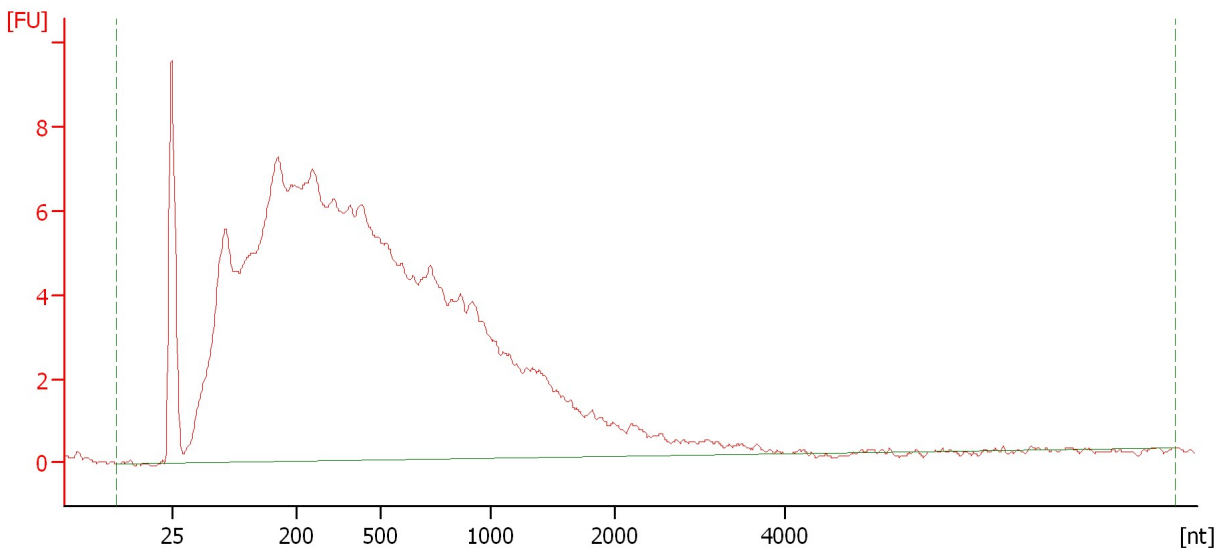
RNA Area:	12.8	RNA Integrity Number (RIN):	1 (B.02.08)
RNA Concentration:	62 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN:1

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2019-09-16\2019-09-16_005.xad

Created: 9/16/2019 5:29:06 PM
Modified: 9/16/2019 5:40:32 PM

Electropherogram Summary Continued ...

Bac AAV ssDNA (RNaseIF cleaned)



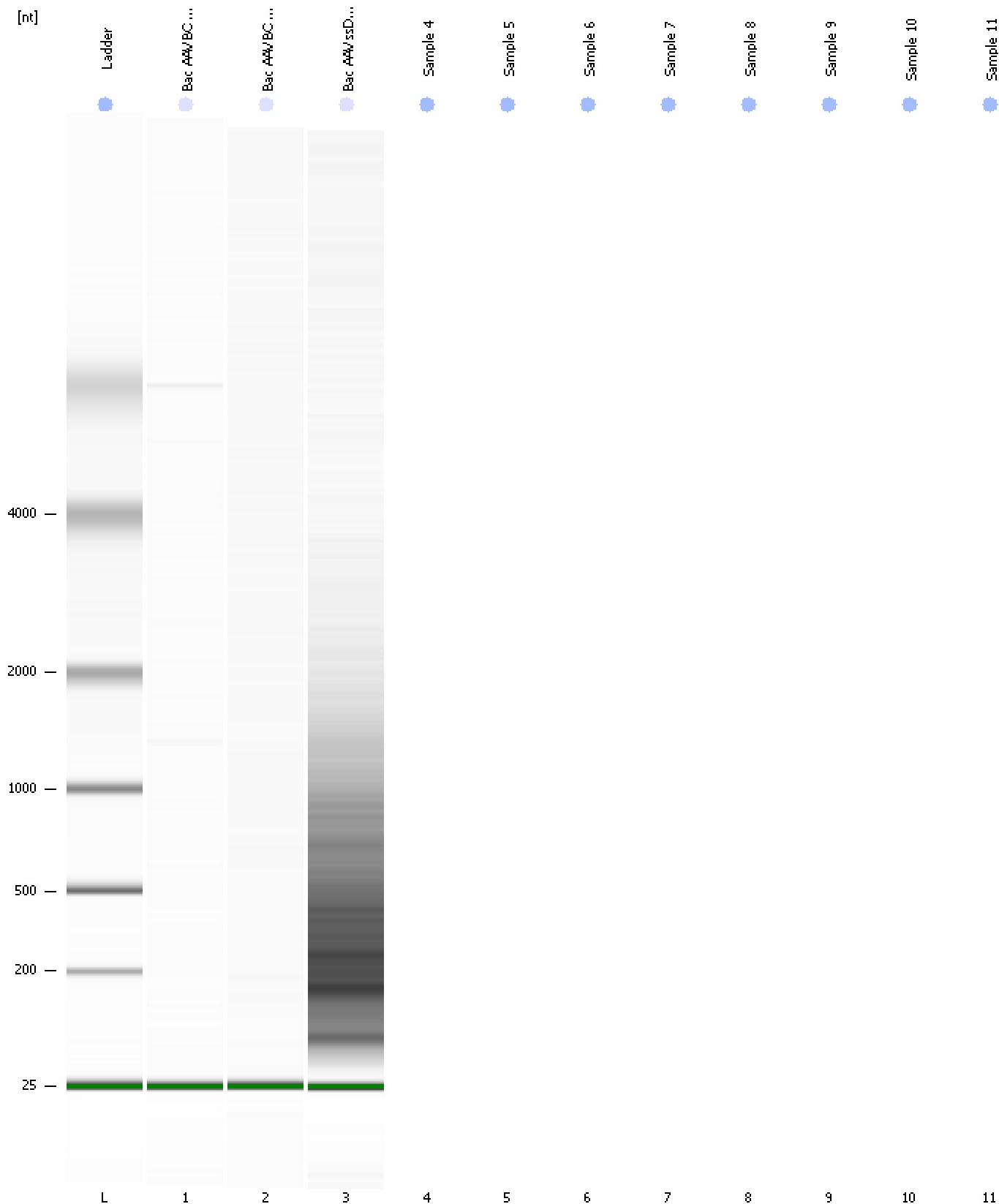
Overall Results for sample 3 : Bac AAV ssDNA (RNaseIF cleaned)

RNA Area:	263.1	RNA Integrity Number (RIN):	2.2 (B.02.08)
RNA Concentration:	1,276 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.20

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2019-09-16\2019-09-16_005.xad

Created: 9/16/2019 5:29:06 PM
Modified: 9/16/2019 5:40:32 PM

Gel Image

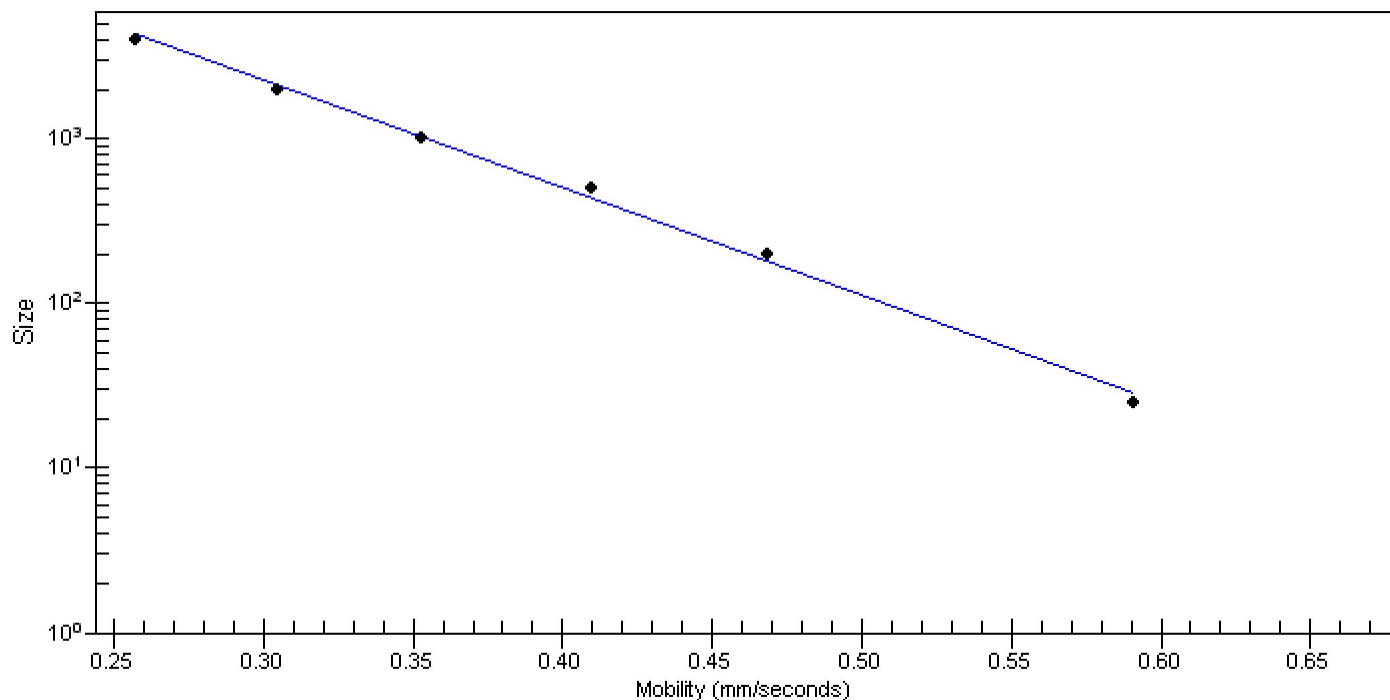


Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2019-09-16\2019-09-16_005.xad

Created: 9/16/2019 5:29:06 PM
Modified: 9/16/2019 5:40:32 PM

Curves

Standard Curve



Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2019-09-16\2019-09-16_005.xad

Created: 9/16/2019 5:29:06 PM
Modified: 9/16/2019 5:40:32 PM

Invalid Samples

Sample 4 has not been run, no results available.

Sample 5 has not been run, no results available.

Sample 6 has not been run, no results available.

Sample 7 has not been run, no results available.

Sample 8 has not been run, no results available.

Sample 9 has not been run, no results available.

Sample 10 has not been run, no results available.

Sample 11 has not been run, no results available.

Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-09-16\2019-09-16_005.xad

Created: 9/16/2019 5:29:06 PM
 Modified: 9/16/2019 5:40:32 PM

Run Logbook

Description	Number	Source	Category	Sub Category	Time	Time Zone	User	Host
Run ended on port 1 (Number of wells acquired: 4)		Instrument	Run		9/16/2019 5:40:32 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Run started on port 1 (File: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\data\2019-09-16\2019-09-16_005.xad)		Instrument	Run		9/16/2019 5:29:11 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Product Number : G2938C		Instrument	Run		9/16/2019 5:29:11 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Name :		Instrument	Run		9/16/2019 5:29:11 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Vendor : Agilent Technologies		Instrument	Run		9/16/2019 5:29:11 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Serial# : DE34903152		Instrument	Run		9/16/2019 5:29:11 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Firmware : C.01.069		Instrument	Run		9/16/2019 5:29:11 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Cartridge : Electrode		Instrument	Run		9/16/2019 5:29:11 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1