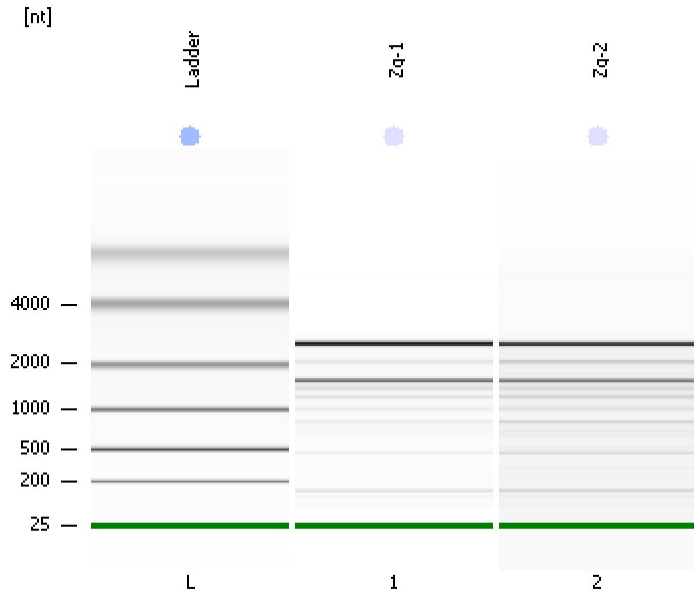


Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...alyzer\2100 expert\data\2019-10-10\2019-10-10_001_QC487.xad

Created: 10/10/2019 10:01:50 AM
Modified: 10/10/2019 10:26:59 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\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\Eukaryote Total RNA Pico Series II.xsy

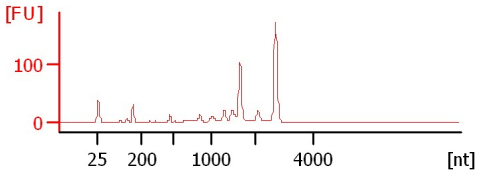
Assay Class: Eukaryote Total RNA Pico
Version: 2.6
Assay Comments: Total RNA Analysis pg sensitivity (Eukaryote)

© Copyright 2003 - 2009 Agilent Technologies, Inc.

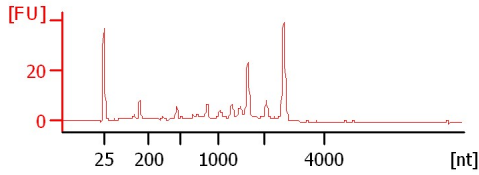
Chip Information:

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

Zg-1
QC487
RIN: 8.10



Zg-2
QC487
RIN: 7.60



Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...alyzer\2100 expert\data\2019-10-10\2019-10-10_001_QC487.xad

Created: 10/10/2019 10:01:50 AM
Modified: 10/10/2019 10:26:59 AM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
Zg-1	QC487	✓	RIN: 8.10	
Zg-2	QC487	✓	RIN: 7.60	
Ladder		✓	All Other Samples	

Chip Lot # **Reagent Kit Lot #**

Chip Comments :

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...alyzer\2100 expert\data\2019-10-10\2019-10-10_001_QC487.xad

Created: 10/10/2019 10:01:50 AM
Modified: 10/10/2019 10:26:59 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/ 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

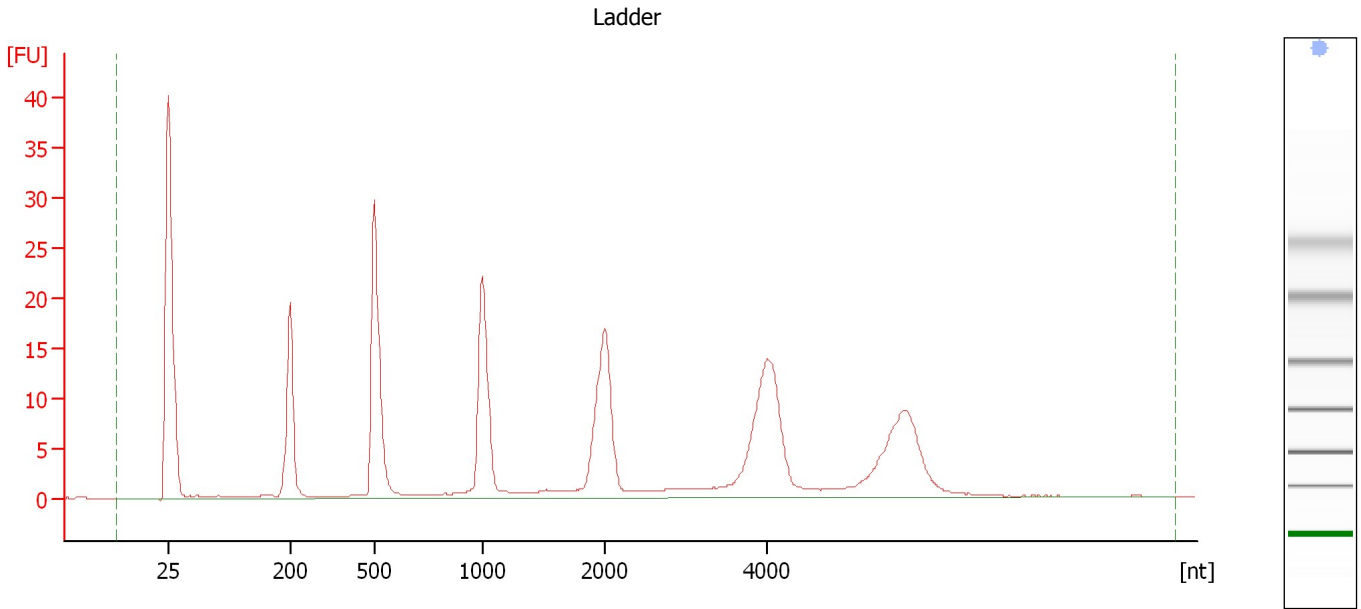
Ladder

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

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...alyzer\2100 expert\data\2019-10-10\2019-10-10_001_QC487.xad

Created: 10/10/2019 10:01:50 AM
Modified: 10/10/2019 10:26:59 AM

Electropherogram Summary



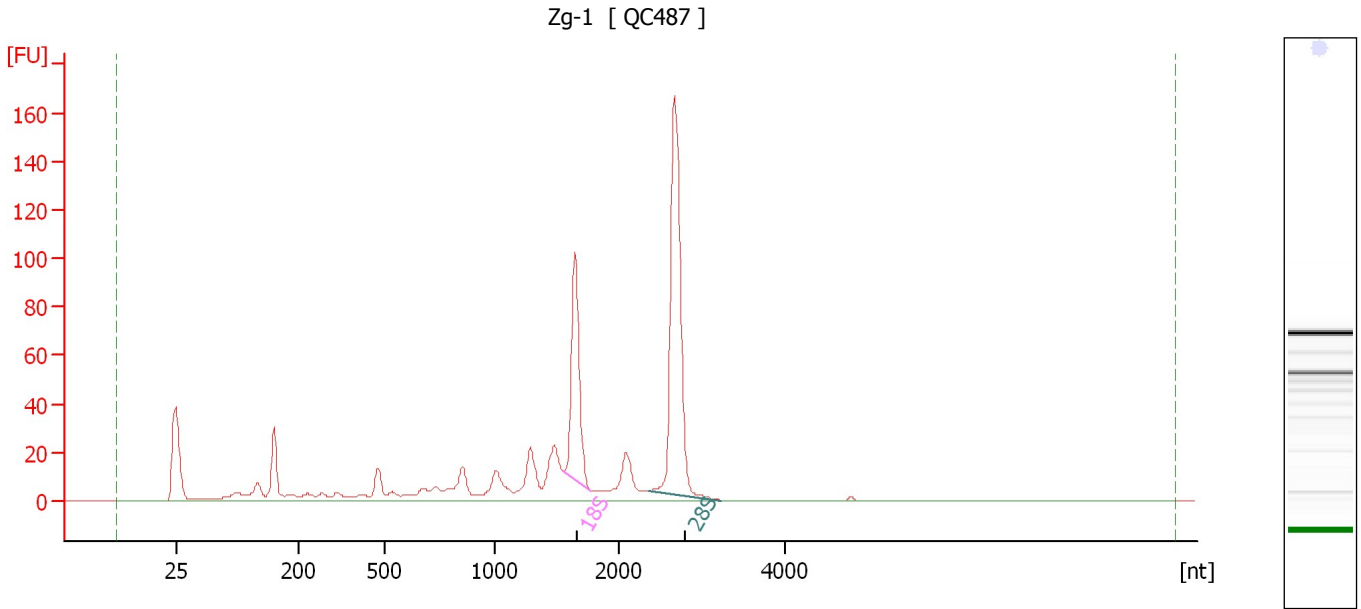
Overall Results for Ladder

RNA Area:	234.9	Result Flagging Color:	
RNA Concentration:	1,000 pg/μl	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...alyzer\2100 expert\data\2019-10-10\2019-10-10_001_QC487.xad

Created: 10/10/2019 10:01:50 AM
 Modified: 10/10/2019 10:26:59 AM

Electropherogram Summary Continued ...



Overall Results for sample 1 : Zg-1

RNA Area:	644.2	RNA Integrity Number (RIN):	8.1 (B.02.08)
RNA Concentration:	2,743 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.9	Result Flagging Label:	RIN: 8.10

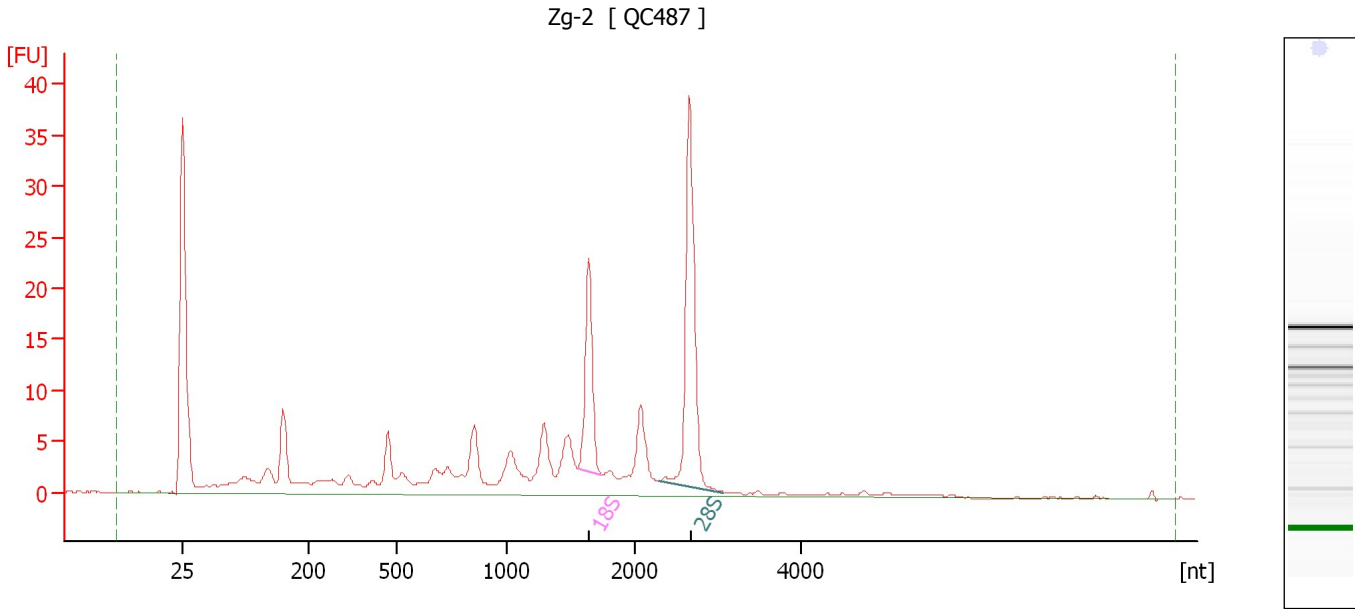
Fragment table for sample 1 : Zg-1

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,550	1,764	99.9	15.5
28S	2,342	3,236	189.0	29.3

Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...alyzer\2100 expert\data\2019-10-10\2019-10-10_001_QC487.xad

Created: 10/10/2019 10:01:50 AM
 Modified: 10/10/2019 10:26:59 AM

Electropherogram Summary Continued ...



Overall Results for sample 2 : Zg-2

RNA Area:	202.6	RNA Integrity Number (RIN):	7.6 (B.02.08)
RNA Concentration:	863 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.9	Result Flagging Label:	RIN: 7.60

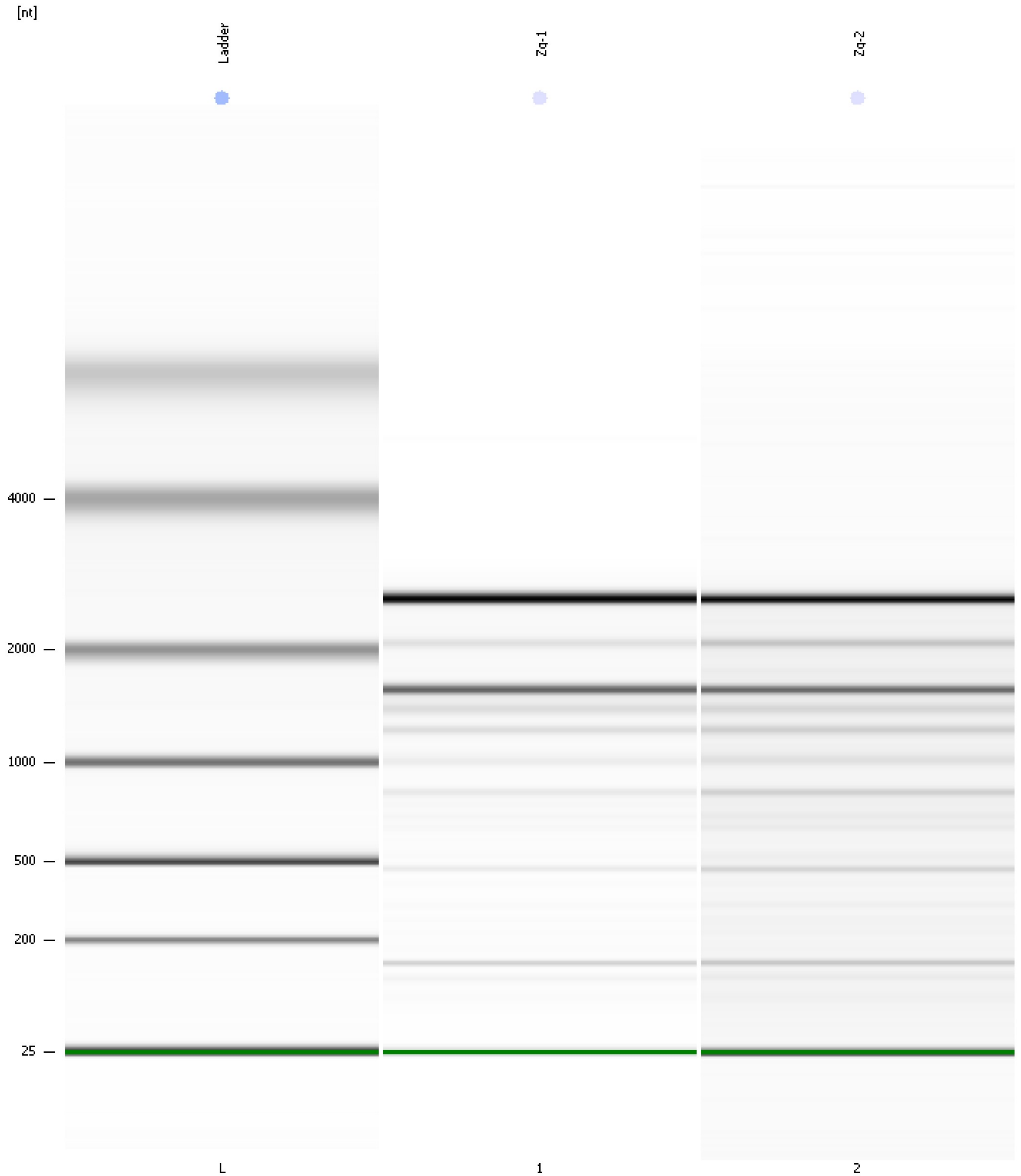
Fragment table for sample 2 : Zg-2

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,561	1,738	19.8	9.8
28S	2,292	3,070	37.5	18.5

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...alyzer\2100 expert\data\2019-10-10\2019-10-10_001_QC487.xad

Created: 10/10/2019 10:01:50 AM
Modified: 10/10/2019 10:26:59 AM

Gel Image

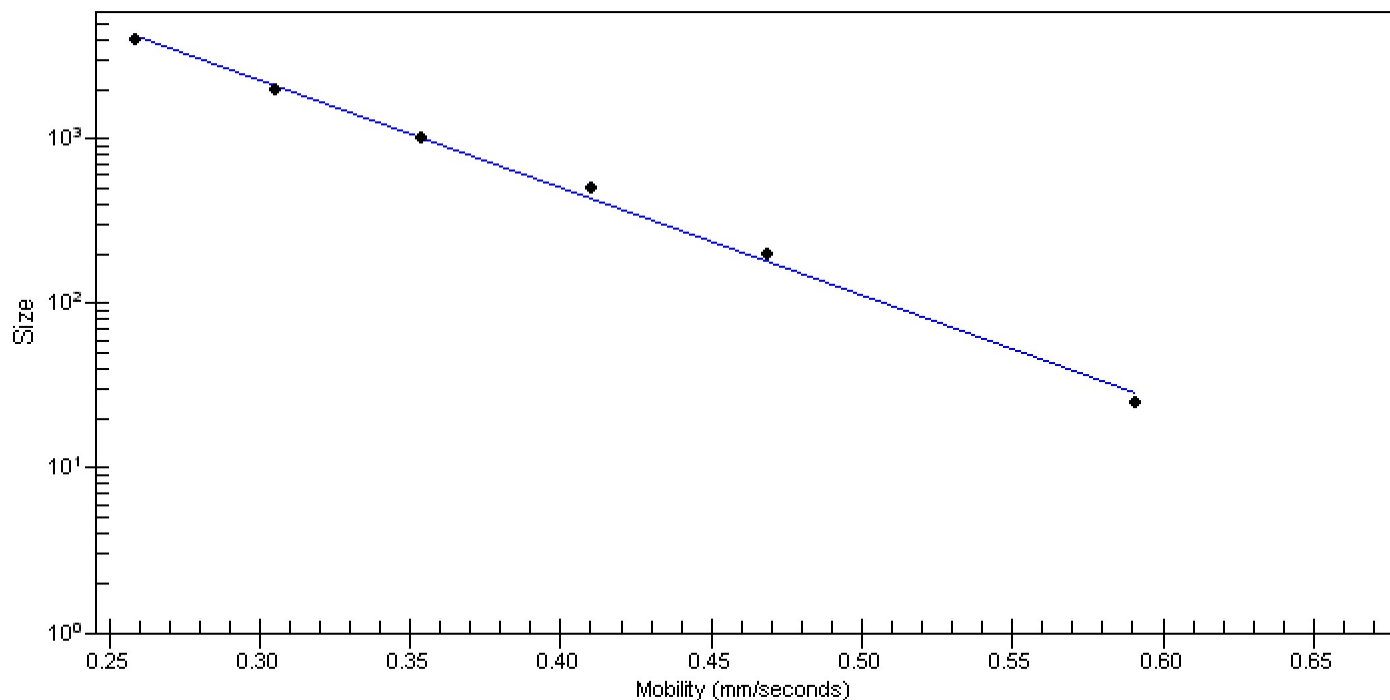


Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...alyzer\2100 expert\data\2019-10-10\2019-10-10_001_QC487.xad

Created: 10/10/2019 10:01:50 AM
Modified: 10/10/2019 10:26:59 AM

Curves

Standard Curve



Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...alyzer\2100 expert\data\2019-10-10\2019-10-10_001_QC487.xad

Created: 10/10/2019 10:01:50 AM
 Modified: 10/10/2019 10:26:59 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		10/10/2019 10:24:46 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Run started on port 1 (File: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\data\2019-10-10\2019-10-10_001.xad)		Instrument	Run		10/10/2019 10:01:55 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Product Number : G2938C		Instrument	Run		10/10/2019 10:01:55 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Name :		Instrument	Run		10/10/2019 10:01:55 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Vendor : Agilent Technologies		Instrument	Run		10/10/2019 10:01:55 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Serial# : DE34903152		Instrument	Run		10/10/2019 10:01:55 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Firmware : C.01.069		Instrument	Run		10/10/2019 10:01:55 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Cartridge : Electrode		Instrument	Run		10/10/2019 10:01:55 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1