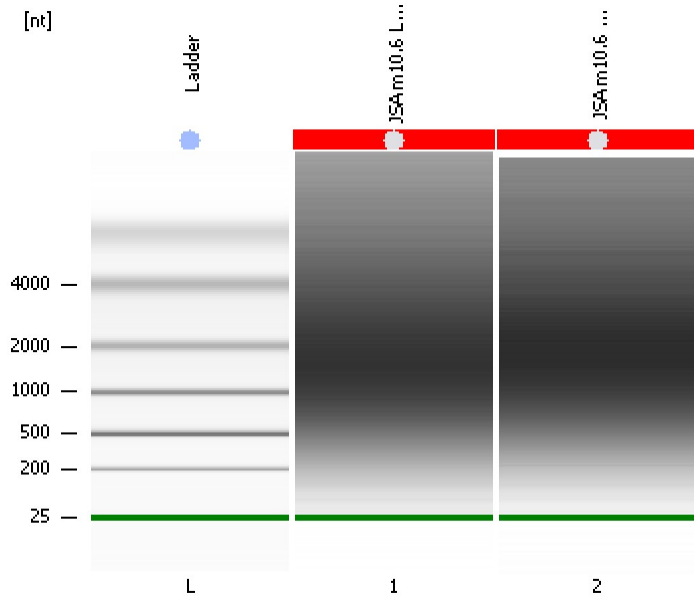


Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...11-21\2016-11-21_005_JSA m10-6_L-R_BisulfiteConvertedDNA.xad

Created: 11/21/2016 4:01:56 PM
Modified: 11/21/2016 4:32:09 PM

Electrophoresis File Run Summary



Instrument Information:

Instrument Name: DE13701086 Firmware: C.01.069
Serial#: DE13701086 Type: G2938B

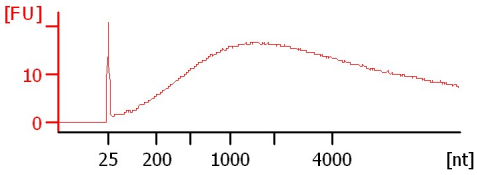
Assay Information:

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.

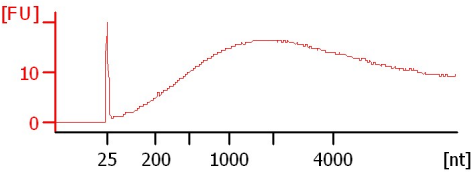
Chip Information:

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

JSA m10.6 L bisulfite converted DNA
RIN N/A






JSA m10.6 R bisulfite converted DNA
RIN N/A



Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...11-21\2016-11-21_005_JSAm10-6_L-R_BisulfiteConvertedDNA.xad

Created: 11/21/2016 4:01:56 PM
 Modified: 11/21/2016 4:32:09 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
JSA m10.6 L bisulfite converted DNA		✓	RIN N/A	
JSA m10.6 R bisulfite converted DNA		✓	RIN N/A	
Ladder		✓	All Other Samples	

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...11-21\2016-11-21_005_JSA10-6_L-R_BisulfiteConvertedDNA.xad

Created: 11/21/2016 4:01:56 PM
Modified: 11/21/2016 4:32:09 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/μl] : 1000
Lower Marker Concentration [pg/μl] : 0
Upper Marker Concentration [pg/μl] : 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

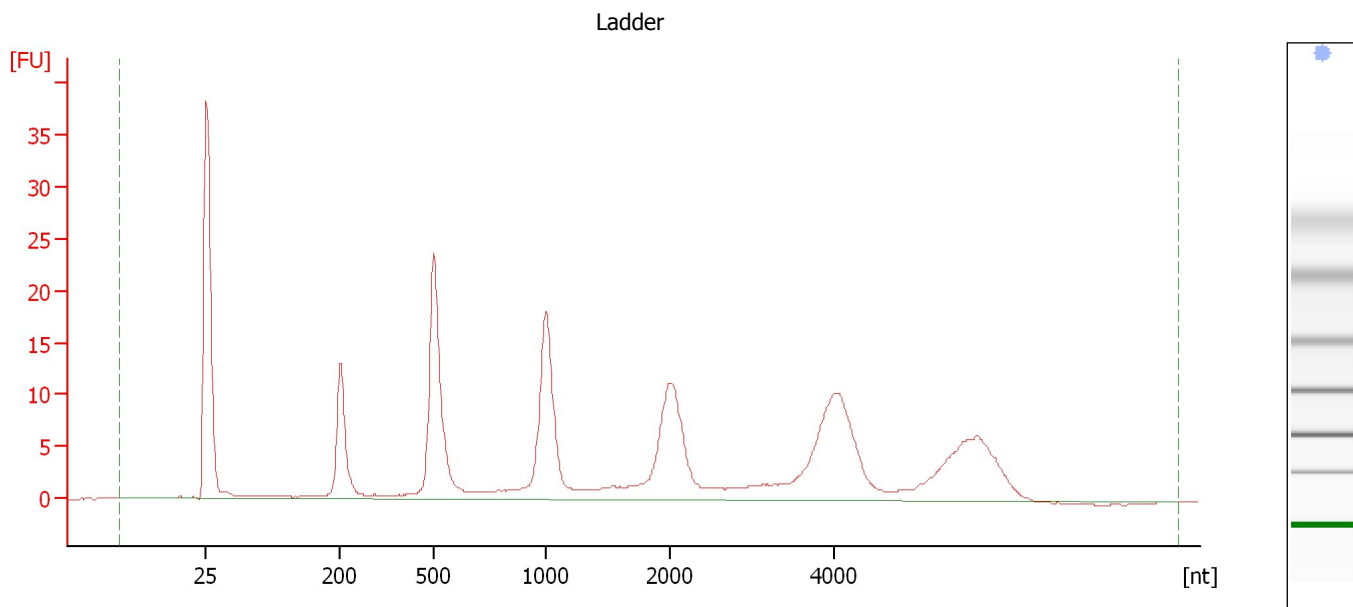
Ladder

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

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...11-21\2016-11-21_005_JSAm10-6_L-R_BisulfiteConvertedDNA.xad

Created: 11/21/2016 4:01:56 PM
Modified: 11/21/2016 4:32:09 PM

Electropherogram Summary



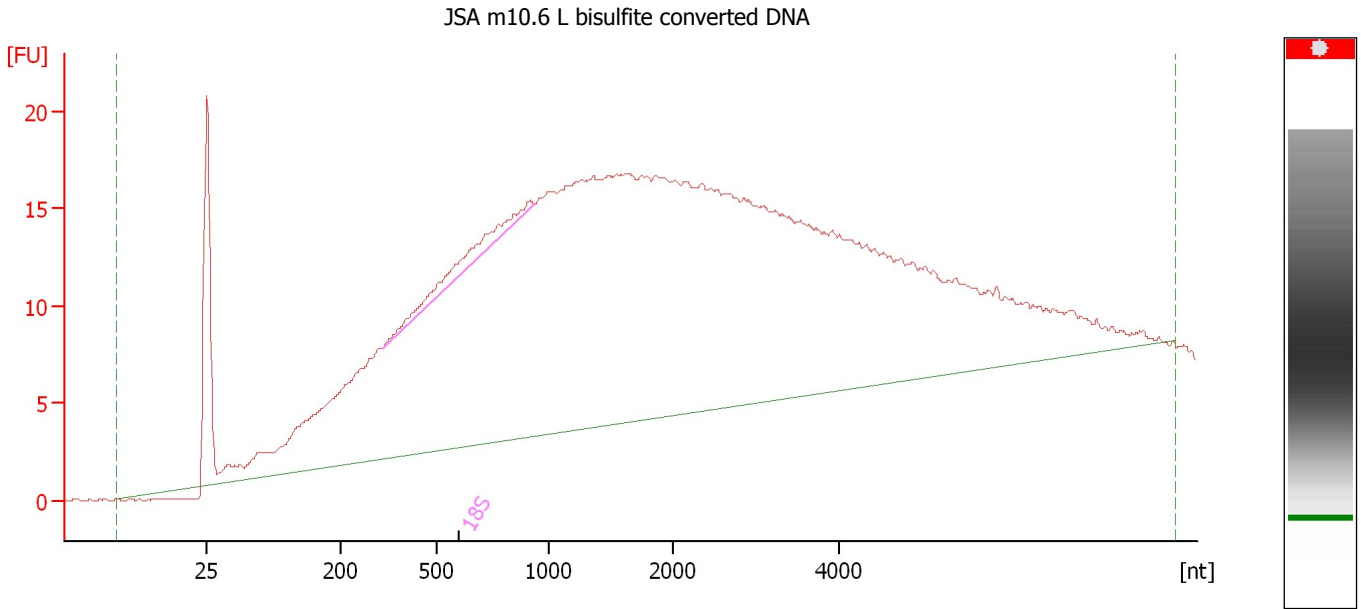
Overall Results for Ladder

RNA Area:	249.0	Result Flagging Color:	
RNA Concentration:	1,000 pg/μl	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...11-21\2016-11-21_005_JSAm10-6_L-R_BisulfiteConvertedDNA.xad

Created: 11/21/2016 4:01:56 PM
 Modified: 11/21/2016 4:32:09 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : JSA m10.6 L bisulfite converted DNA

RNA Area:	706.6	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	2,838 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

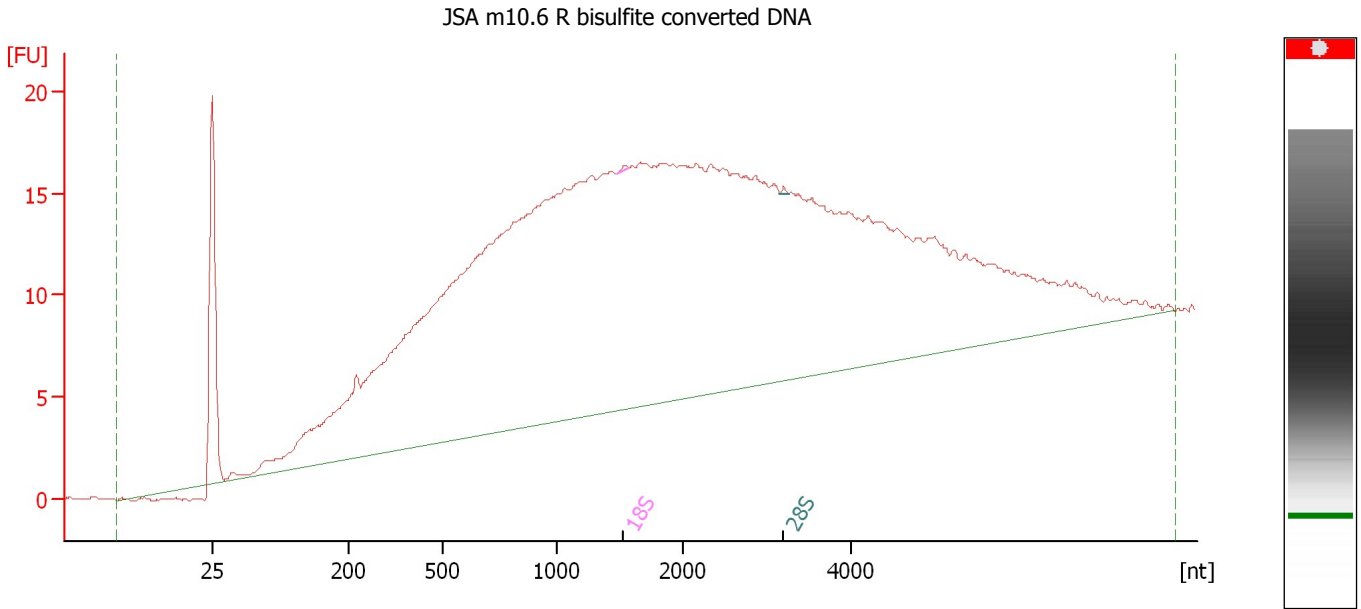
Fragment table for sample 1 : JSA m10.6 L bisulfite converted DNA

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	332	939	9.4	1.3

Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...11-21\2016-11-21_005_JSA m10.6_L-R_BisulfiteConvertedDNA.xad

Created: 11/21/2016 4:01:56 PM
 Modified: 11/21/2016 4:32:09 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : JSA m10.6 R bisulfite converted DNA

RNA Area:	629.9	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	2,530 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.8	Result Flagging Label:	RIN N/A

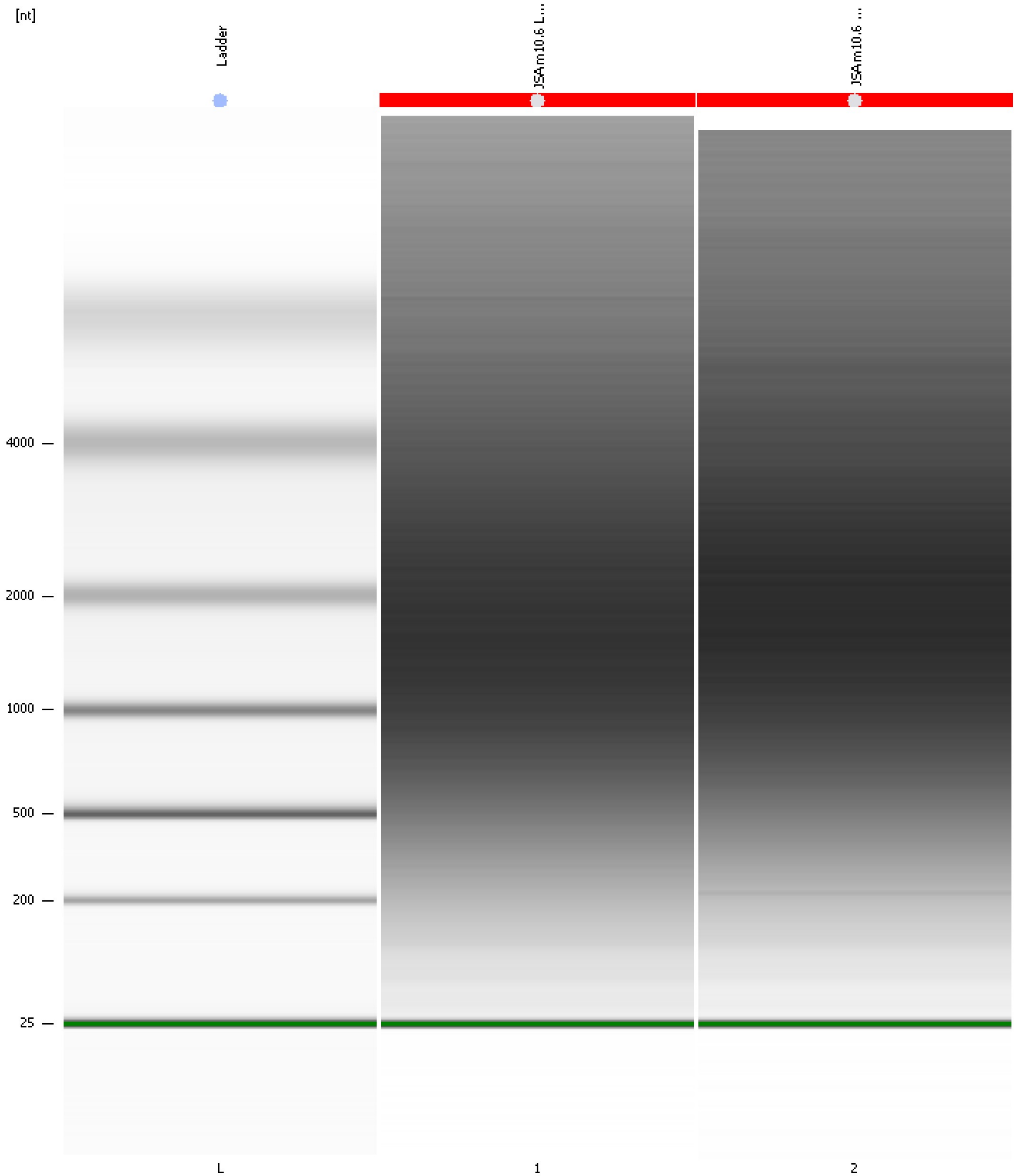
Fragment table for sample 2 : JSA m10.6 R bisulfite converted DNA

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,475	1,571	0.2	0.0
28S	3,150	3,251	0.1	0.0

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...11-21\2016-11-21_005_JSAm10-6_L-R_BisulfiteConvertedDNA.xad

Created: 11/21/2016 4:01:56 PM
Modified: 11/21/2016 4:32:09 PM

Gel Image



Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...11-21\2016-11-21_005_JSA10-6_L-R_BisulfiteConvertedDNA.xad

Created: 11/21/2016 4:01:56 PM
 Modified: 11/21/2016 4:32:09 PM

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		11/21/2016 4:24:49 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Run started on port 1 (File: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\data\2016-11-21\2016-11-21_005.xad)		Instrument	Run		11/21/2016 4:02:02 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Product Number : G2938B		Instrument	Run		11/21/2016 4:02:02 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Name :		Instrument	Run		11/21/2016 4:02:02 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Vendor : Agilent Technologies		Instrument	Run		11/21/2016 4:02:02 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Serial# : DE13701086		Instrument	Run		11/21/2016 4:02:02 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Firmware : C.01.069		Instrument	Run		11/21/2016 4:02:02 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Cartridge : Electrode		Instrument	Run		11/21/2016 4:02:02 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1