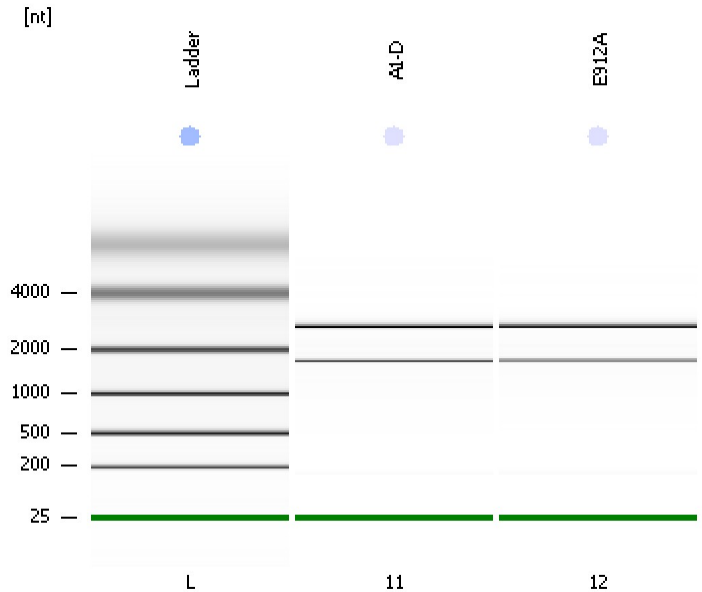


Assay Class: Plant RNA Nano
Data Path: C:\...ttings\Bioanalyzer\2015-06-11\2015-06-11_002_totalRNAQC.xad

Created: 6/11/2015 1:32:48 PM
Modified: 6/11/2015 2:02:32 PM

Electrophoresis File Run Summary



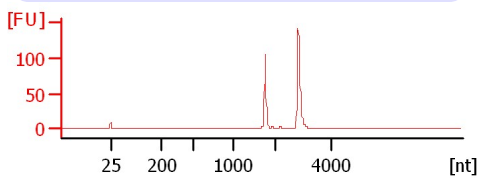
Instrument Information:
 Instrument Name: DE13701086 Firmware: C.01.069
 Serial#: DE13701086 Type: G2938B

Assay Information:
 Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\Plant RNA Nano.xsy
 Assay Class: Plant RNA Nano
 Version: 1.3
 Assay Comments: Total RNA Analysis ng sensitivity (Plant)

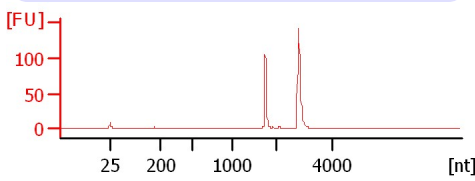
Chip Information:
 Chip Lot #: Reagent Kit Lot #: Chip Comments:

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A1-D
RIN:10



E912A
RIN:10



Assay Class: Plant RNA Nano
Data Path: C:\...ttings\Bioanalyzer\2015-06-11\2015-06-11_002_totalRNAQC.xad

Created: 6/11/2015 1:32:48 PM
Modified: 6/11/2015 2:02:32 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
A1-D		✓	RIN:10	
E912A		✓	RIN:10	
Ladder		✓	All Other Samples	

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

Assay Class: Plant RNA Nano
Data Path: C:\...ttings\Bioanalyzer\2015-06-11\2015-06-11_002_totalRNAQC.xad

Created: 6/11/2015 1:32:48 PM
Modified: 6/11/2015 2:02:32 PM

Electrophoresis Assay Details

General Analysis Settings

Number of Available Sample and Ladder Wells (Max.) : 13
Minimum Visible Range [s] : 17
Maximum Visible Range [s] : 70
Start Analysis Time Range [s] : 19
End Analysis Time Range [s] : 69
Ladder Concentration [ng/μl] : 150
Lower Marker Concentration [ng/μl] : 0
Upper Marker Concentration [ng/μl] : 0
Used Lower Marker for Quantitation
Standard Curve Fit is Logarithmic
Show Data Aligned to Lower Marker

Integrator Settings

Integration Start Time [s] : 19
Integration End Time [s] : 69
Slope Threshold : 0.6
Height Threshold [FU] : 0.2
Area Threshold : 0.1
Width Threshold [s] : 0.2
Baseline Plateau [s] : 6

Filter Settings

Filter Width [s] : 0.5
Polynomial Order : 4

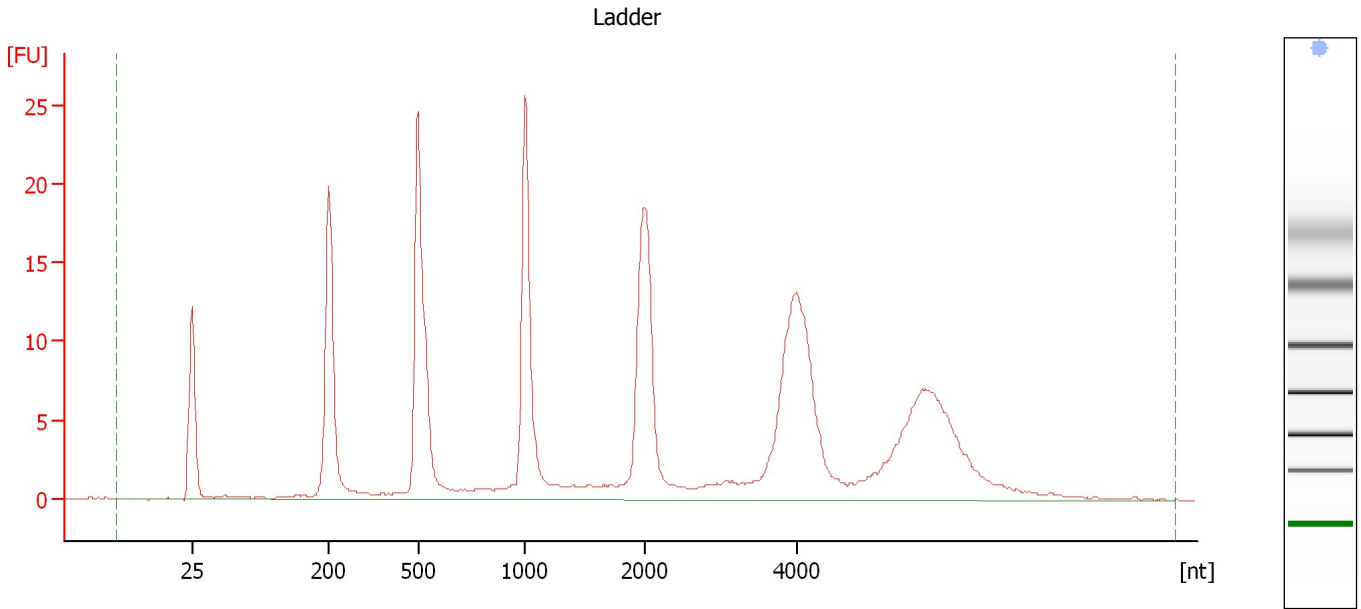
Ladder

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

Assay Class: Plant RNA Nano
Data Path: C:\...ttings\Bioanalyzer\2015-06-11\2015-06-11_002_totalRNAQC.xad

Created: 6/11/2015 1:32:48 PM
Modified: 6/11/2015 2:02:32 PM

Electropherogram Summary



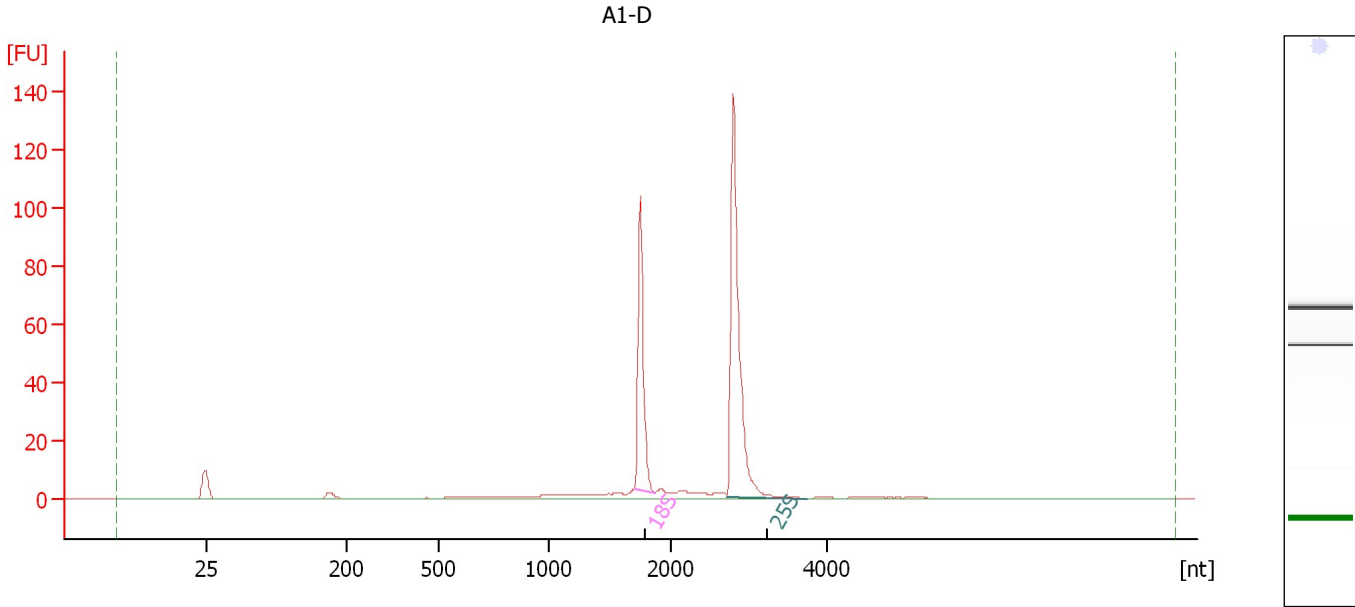
Overall Results for Ladder

RNA Area:	252.9	Result Flagging Color:	
RNA Concentration:	150 ng/μl	Result Flagging Label:	All Other Samples

Assay Class: Plant RNA Nano
 Data Path: C:\...ttings\Bioanalyzer\2015-06-11\2015-06-11_002_totalRNAQC.xad

Created: 6/11/2015 1:32:48 PM
 Modified: 6/11/2015 2:02:32 PM

Electropherogram Summary Continued ...



Overall Results for sample 11 : A1-D

RNA Area:	258.6	RNA Integrity Number (RIN):	10 (B.02.08)
RNA Concentration:	153 ng/μl	Result Flagging Color:	
rRNA Ratio [25s / 18s]:	1.9	Result Flagging Label:	RIN:10

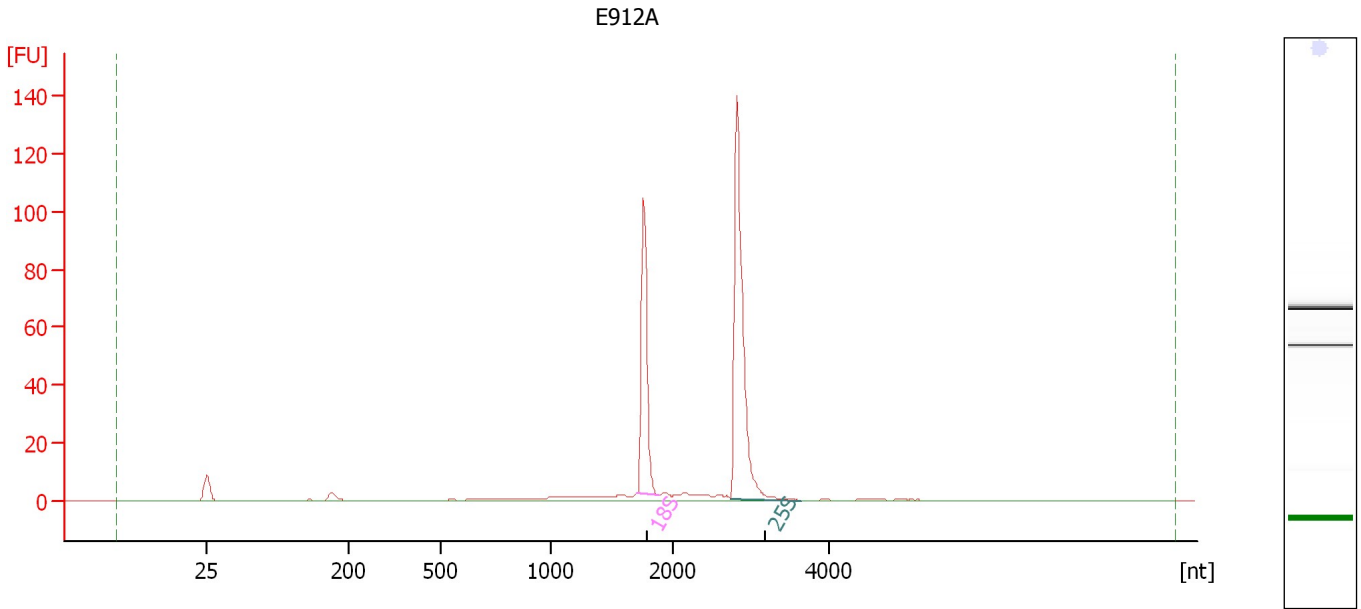
Fragment table for sample 11 : A1-D

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,696	1,869	65.5	25.3
25S	2,712	3,739	126.6	49.0

Assay Class: Plant RNA Nano
 Data Path: C:\...ttings\Bioanalyzer\2015-06-11\2015-06-11_002_totalRNAQC.xad

Created: 6/11/2015 1:32:48 PM
 Modified: 6/11/2015 2:02:32 PM

Electropherogram Summary Continued ...



Overall Results for sample 12 : E912A

RNA Area:	252.8	RNA Integrity Number (RIN):	10 (B.02.08)
RNA Concentration:	150 ng/μl	Result Flagging Color:	
rRNA Ratio [25s / 18s]:	1.9	Result Flagging Label:	RIN:10

Fragment table for sample 12 : E912A

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,706	1,879	65.7	26.0
25S	2,725	3,641	126.2	49.9

Assay Class: Plant RNA Nano
Data Path: C:\...ttings\Bioanalyzer\2015-06-11\2015-06-11_002_totalRNAQC.xad

Created: 6/11/2015 1:32:48 PM
Modified: 6/11/2015 2:02:32 PM

Gel Image

