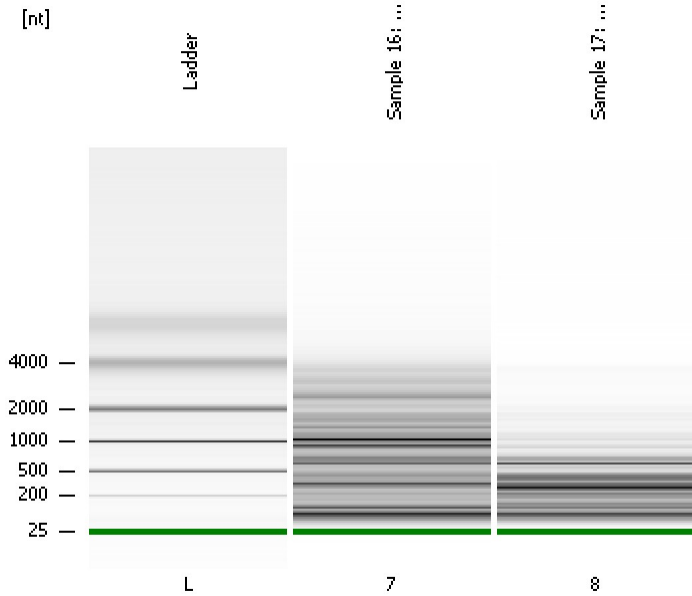


Assay Class: mRNA Pico
Data Path: C:\...oanalyzer\2015-04-30\2015-04-30_005_HiSeq067_TotalRNAQC.xad

Created: 4/30/2015 4:42:32 PM
Modified: 5/4/2015 8:22:13 AM

Electrophoresis File Run Summary



Instrument Information:

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

Assay Information:

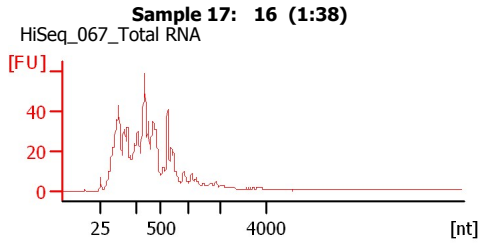
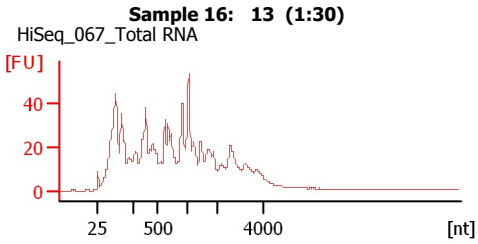
Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\mRNA Pico Series II.xsy

Assay Class: mRNA Pico
Version: 2.6
Assay Comments: mRNA Analysis pg sensitivity

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Chip Information:

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



Assay Class: mRNA Pico
Data Path: C:\...oanalyzer\2015-04-30\2015-04-30_005_HiSeq067_TotalRNAQC.xad

Created: 4/30/2015 4:42:32 PM
Modified: 5/4/2015 8:22:13 AM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
Sample 16: 13 (1:30)	HiSeq_067_Total RNA	✓		
Sample 17: 16 (1:38)	HiSeq_067_Total RNA	✓		
Ladder		✓		

Chip Lot # **Reagent Kit Lot #**

Chip Comments :

Assay Class: mRNA Pico
Data Path: C:\...oanalyzer\2015-04-30\2015-04-30_005_HiSeq067_TotalRNAQC.xad

Created: 4/30/2015 4:42:32 PM
Modified: 5/4/2015 8:22:13 AM

Electrophoresis Assay Details

General Analysis Settings

Number of Available Sample and Ladder Wells (Max.) : 12

Minimum Visible Range [s] : 14

Maximum Visible Range [s] : 85

Start Analysis Time Range [s] : 15

End Analysis Time Range [s] : 84

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] : 15

Integration End Time [s] : 84

Slope Threshold : 0.2

Height Threshold [FU] : 0.5

Area Threshold : 0.1

Width Threshold [s] : 0.2

Baseline Plateau [s] : 0.5

Filter Settings

Filter Width [s] : 0.5

Polynomial Order : 4

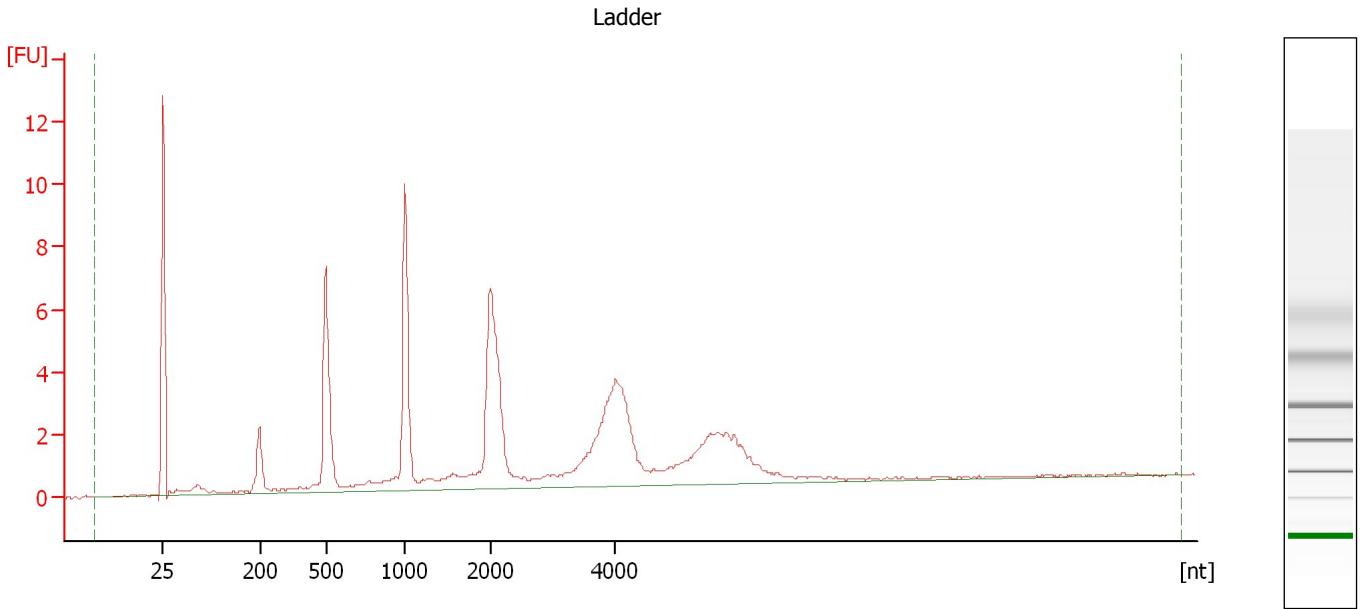
Ladder

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

Assay Class: mRNA Pico
Data Path: C:\...oanalyzer\2015-04-30\2015-04-30_005_HiSeq067_TotalRNAQC.xad

Created: 4/30/2015 4:42:32 PM
Modified: 5/4/2015 8:22:13 AM

Electropherogram Summary



Overall Results for Ladder

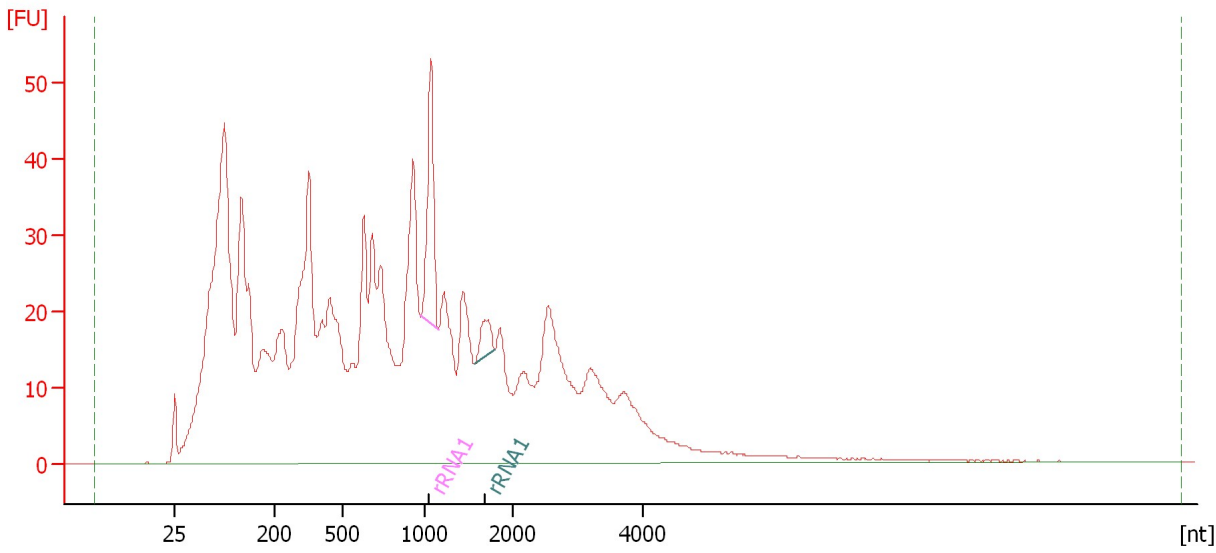
RNA Area: 84.9 RNA Concentration: 1,000 pg/μl

Assay Class: mRNA Pico
 Data Path: C:\...oanalyzer\2015-04-30\2015-04-30_005_HiSeq067_TotalRNAQC.xad

Created: 4/30/2015 4:42:32 PM
 Modified: 5/4/2015 8:22:13 AM

Electropherogram Summary Continued ...

Sample 16: 13 (1:30) [HiSeq_067_Total RNA]



Overall Results for sample 7 : Sample 16: 13 (1:30)

RNA Area: 1,561.5 rRNA Contamination: 3.2 %
 RNA Concentration: 18,390 pg/μl

Fragment table for sample 7 : Sample 16: 13 (1:30)

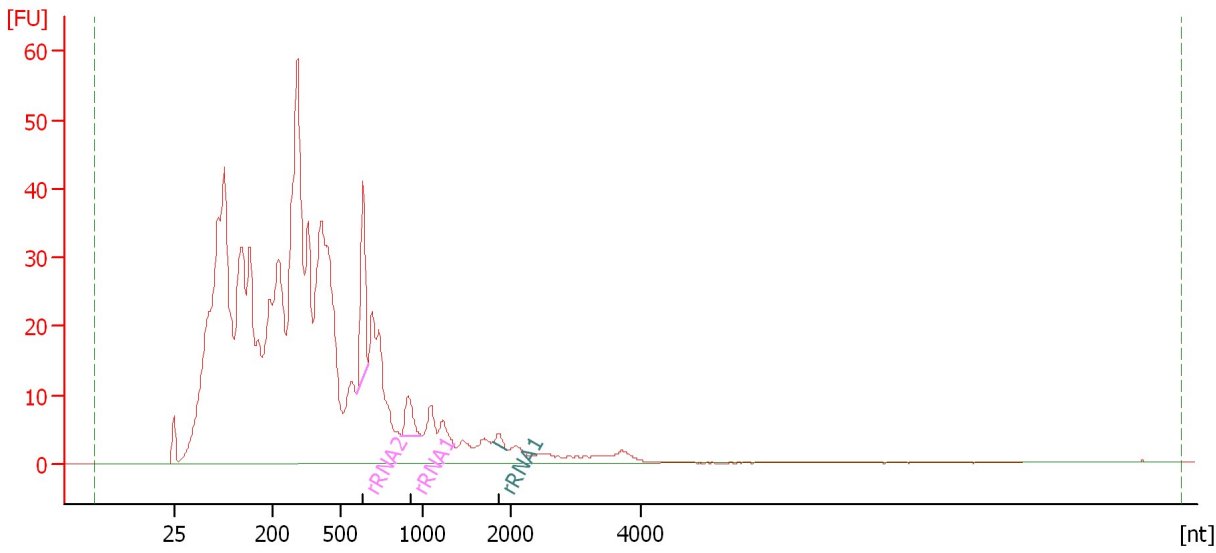
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
rRNA1	983	1,158	40.8	2.6
rRNA1	1,573	1,799	9.1	0.6

Assay Class: mRNA Pico
 Data Path: C:\...oanalyzer\2015-04-30\2015-04-30_005_HiSeq067_TotalRNAQC.xad

Created: 4/30/2015 4:42:32 PM
 Modified: 5/4/2015 8:22:13 AM

Electropherogram Summary Continued ...

Sample 17: 16 (1:38) [HiSeq_067_Total RNA]



Overall Results for sample 8 : Sample 17: 16 (1:38)

RNA Area: 1,169.4 rRNA Contamination: 3.3 %
 RNA Concentration: 13,772 pg/μl

Fragment table for sample 8 : Sample 17: 16 (1:38)

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
rRNA2	595	663	28.1	2.4
rRNA1	864	991	9.0	0.8
rRNA1	1,781	1,953	2.0	0.2

Assay Class: mRNA Pico
Data Path: C:\...oanalyzer\2015-04-30\2015-04-30_005_HiSeq067_TotalRNAQC.xad

Created: 4/30/2015 4:42:32 PM
Modified: 5/4/2015 8:22:13 AM

Gel Image

