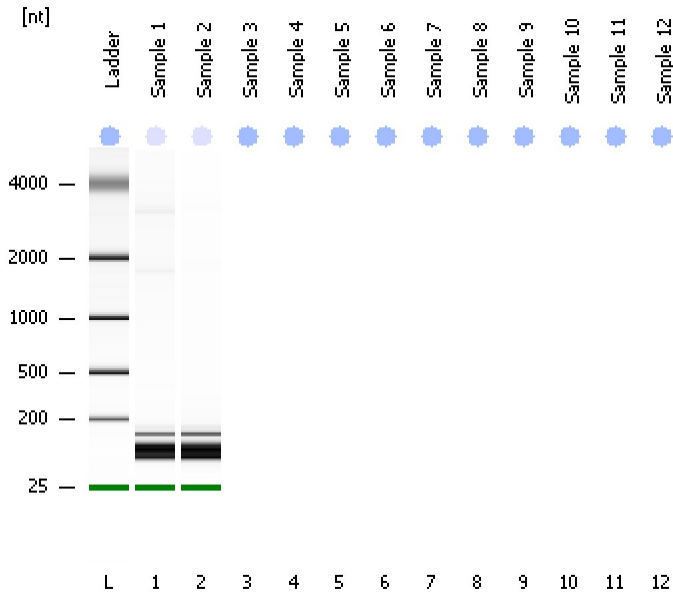


Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-02\2013-12-02_001.xad

Created: 12/2/2013 10:39:37 AM
Modified: 12/2/2013 11:49:55 AM

Electrophoresis File Run Summary



Instrument Information:

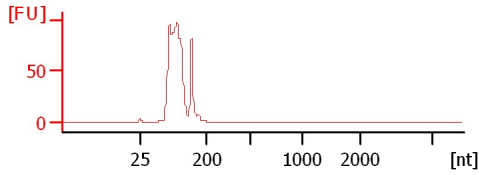
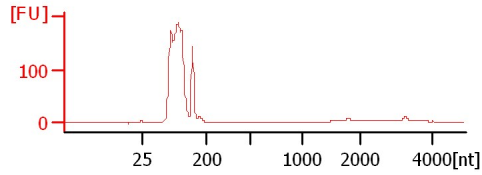
Instrument Name: DE13701086 Firmware: C.01.069
Serial#: DE13701086 Type: G2938B

Assay Information:

Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\Eukaryote Total RNA Nano Series II.xsy
Assay Class: Eukaryote Total RNA Nano
Version: 2.6
Assay Comments: Total RNA Analysis ng sensitivity (Eukaryote)
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Chip Information:

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



Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-02\2013-12-02_001.xad

Created: 12/2/2013 10:39:37 AM
Modified: 12/2/2013 11:49:55 AM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
Sample 1		✓	RIN: 2.60	
Sample 2		✓	RIN: 2.50	
Sample 3			All Other Samples	
Sample 4			All Other Samples	
Sample 5			All Other Samples	
Sample 6			All Other Samples	
Sample 7			All Other Samples	
Sample 8			All Other Samples	
Sample 9			All Other Samples	
Sample 10			All Other Samples	
Sample 11			All Other Samples	
Sample 12			All Other Samples	
Ladder		✓	All Other Samples	

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-02\2013-12-02_001.xad

Created: 12/2/2013 10:39:37 AM
Modified: 12/2/2013 11:49:55 AM

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/ μ l] : 150
Lower Marker Concentration [ng/ μ l] : 0
Upper Marker Concentration [ng/ 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] : 19
Integration End Time [s] : 69
Slope Threshold : 0.6
Height Threshold [FU] : 0.5
Area Threshold : 0.2
Width Threshold [s] : 0.5
Baseline Plateau [s] : 6

Filter Settings

Filter Width [s] : 0.5
Polynomial Order : 4

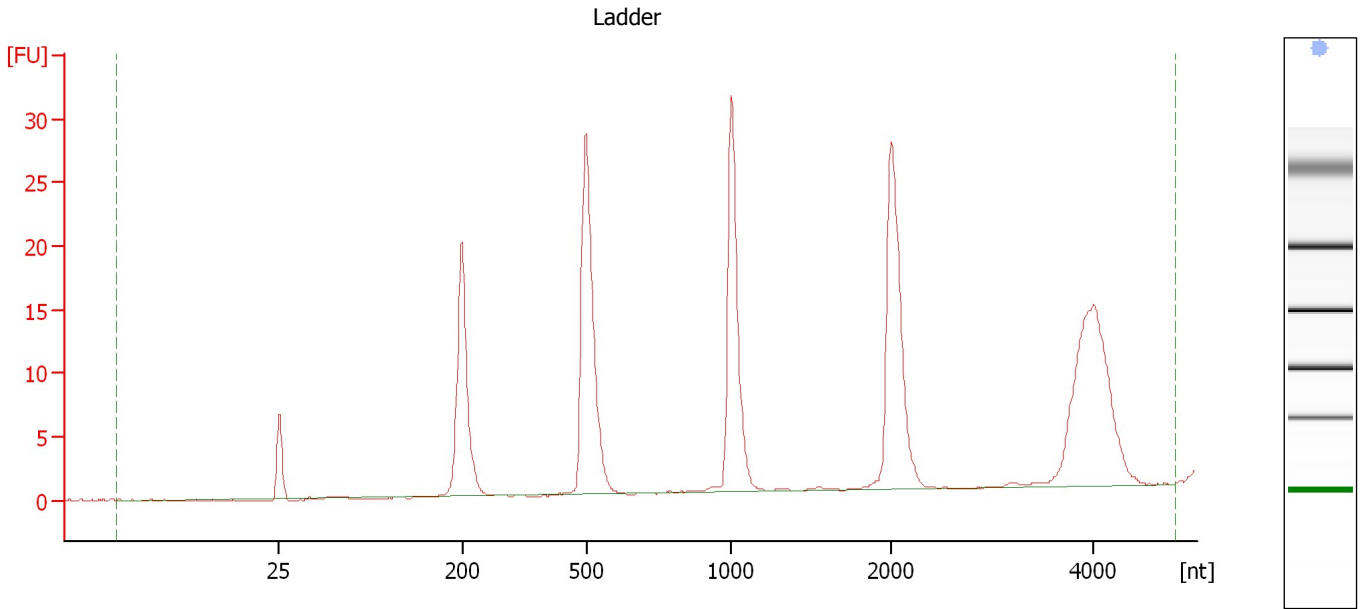
Ladder

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

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-02\2013-12-02_001.xad

Created: 12/2/2013 10:39:37 AM
Modified: 12/2/2013 11:49:55 AM

Electropherogram Summary



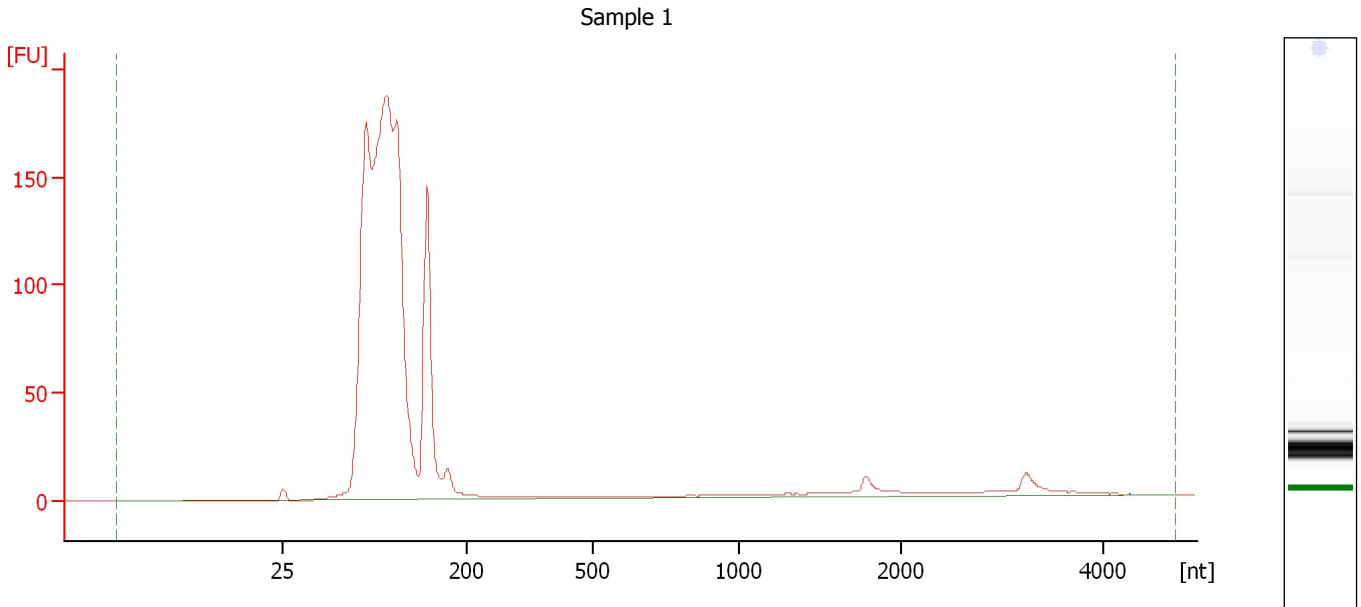
Overall Results for Ladder

RNA Area:	186.9	Result Flagging Color:	
RNA Concentration:	150 ng/ μ l	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-02\2013-12-02_001.xad

Created: 12/2/2013 10:39:37 AM
Modified: 12/2/2013 11:49:55 AM

Electropherogram Summary Continued ...



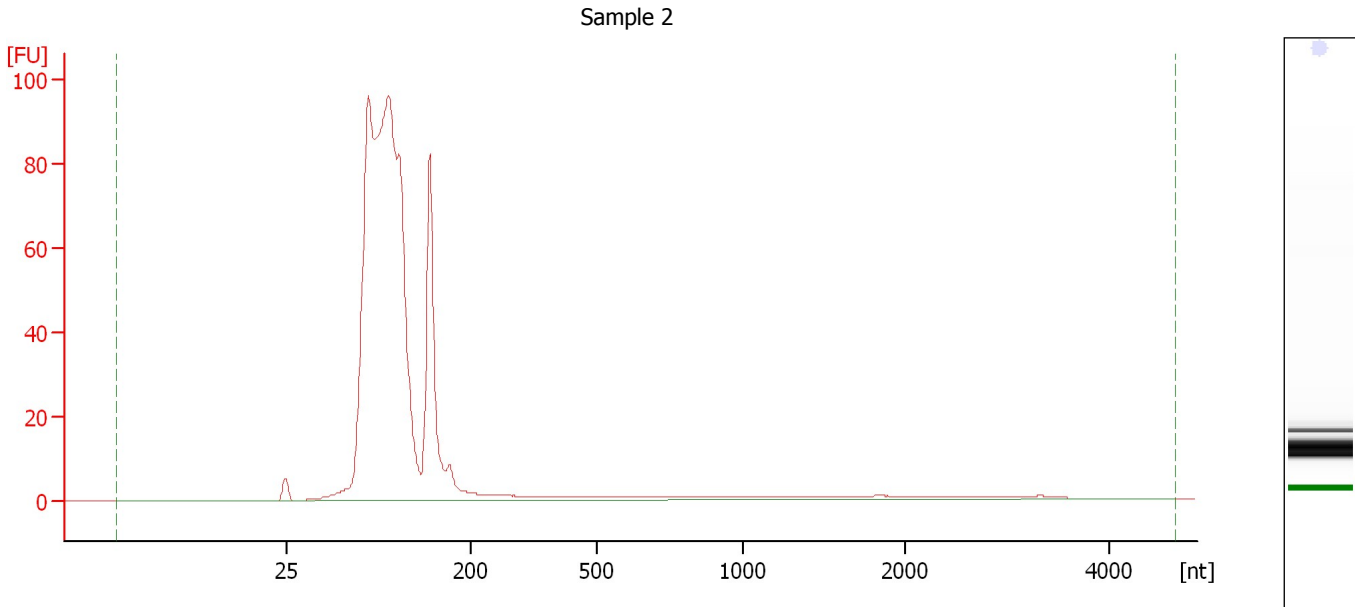
Overall Results for sample 1 : Sample 1

RNA Area:	1,465.4	RNA Integrity Number (RIN):	2.6 (B.02.08)
RNA Concentration:	1,176 ng/ μ l	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.60

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-02\2013-12-02_001.xad

Created: 12/2/2013 10:39:37 AM
Modified: 12/2/2013 11:49:55 AM

Electropherogram Summary Continued ...



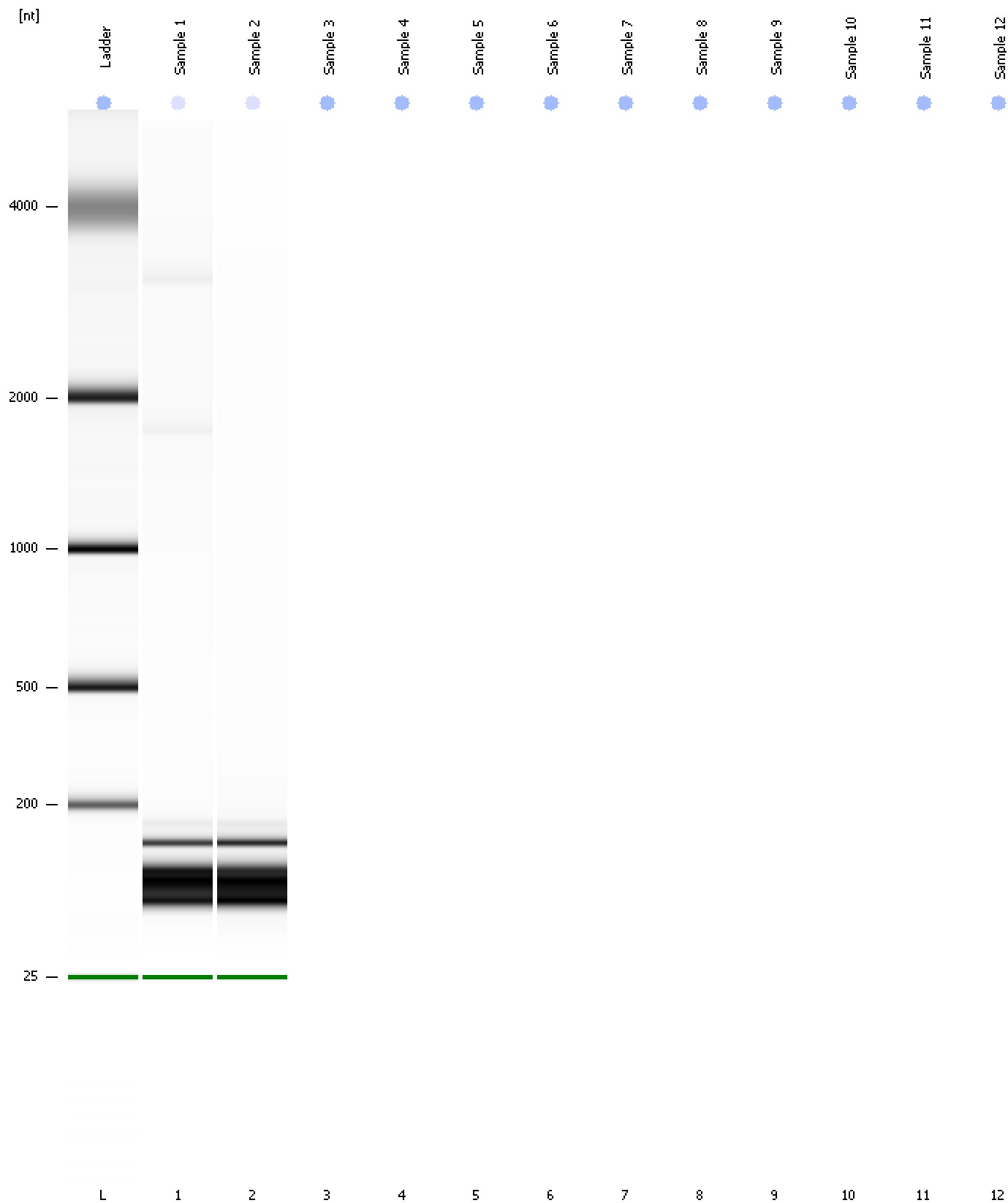
Overall Results for sample 2 : Sample 2

RNA Area:	781.6	RNA Integrity Number (RIN):	2.5 (B.02.08)
RNA Concentration:	627 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.50

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-02\2013-12-02_001.xad

Created: 12/2/2013 10:39:37 AM
Modified: 12/2/2013 11:49:55 AM

Gel Image



Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-02\2013-12-02_001.xad

Created: 12/2/2013 10:39:37 AM
Modified: 12/2/2013 11:49:55 AM

Invalid Samples

- Sample 3 has not been run, no results available.
- 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.
- Sample 12 has not been run, no results available.