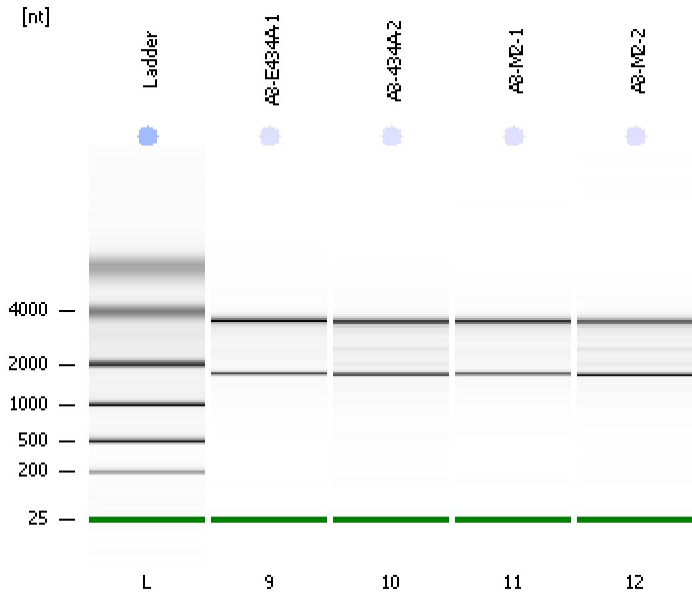


Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-28\2017-08-28_005.xad

Created: 8/28/2017 1:03:07 PM
Modified: 8/28/2017 1:28:01 PM

Electrophoresis File Run Summary



Instrument Information:

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

Assay Information:

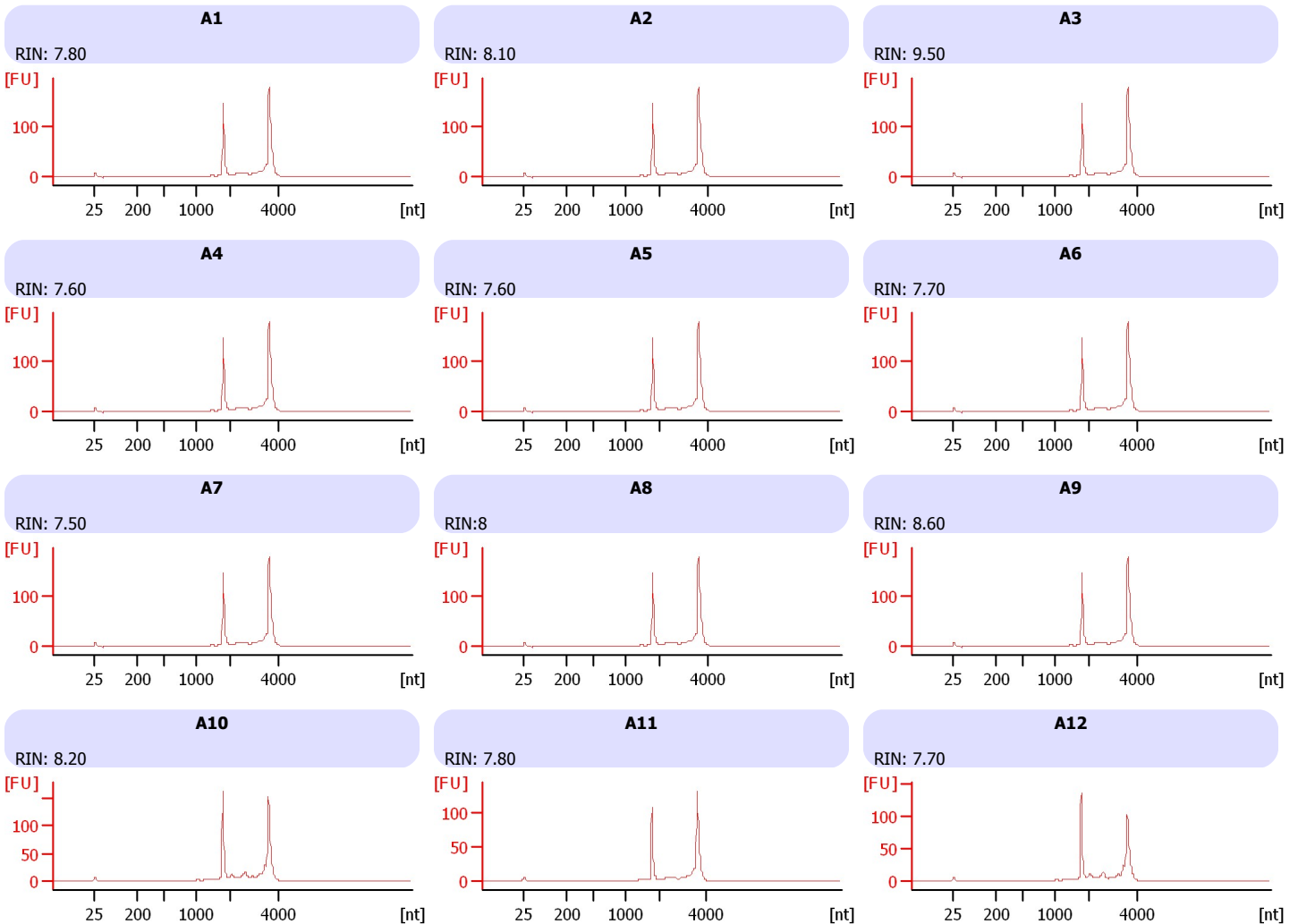
Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\Eukaryote Total RNA Nano Series II.xsy

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:\... bioanalyzer\2100 expert\data\2017-08-28\2017-08-28_005.xad

Created: 8/28/2017 1:03:07 PM
 Modified: 8/28/2017 1:28:01 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
A3-E434A-1		✓	RIN: 9.80	
A3-434A-2		✓	RIN: 9.10	
A3-M2-1		✓	RIN: 9.90	
A3-M2-2		✓	RIN: 9.20	
Ladder		✓	All Other Samples	

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-28\2017-08-28_005.xad

Created: 8/28/2017 1:03:07 PM
Modified: 8/28/2017 1:28:01 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/ 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

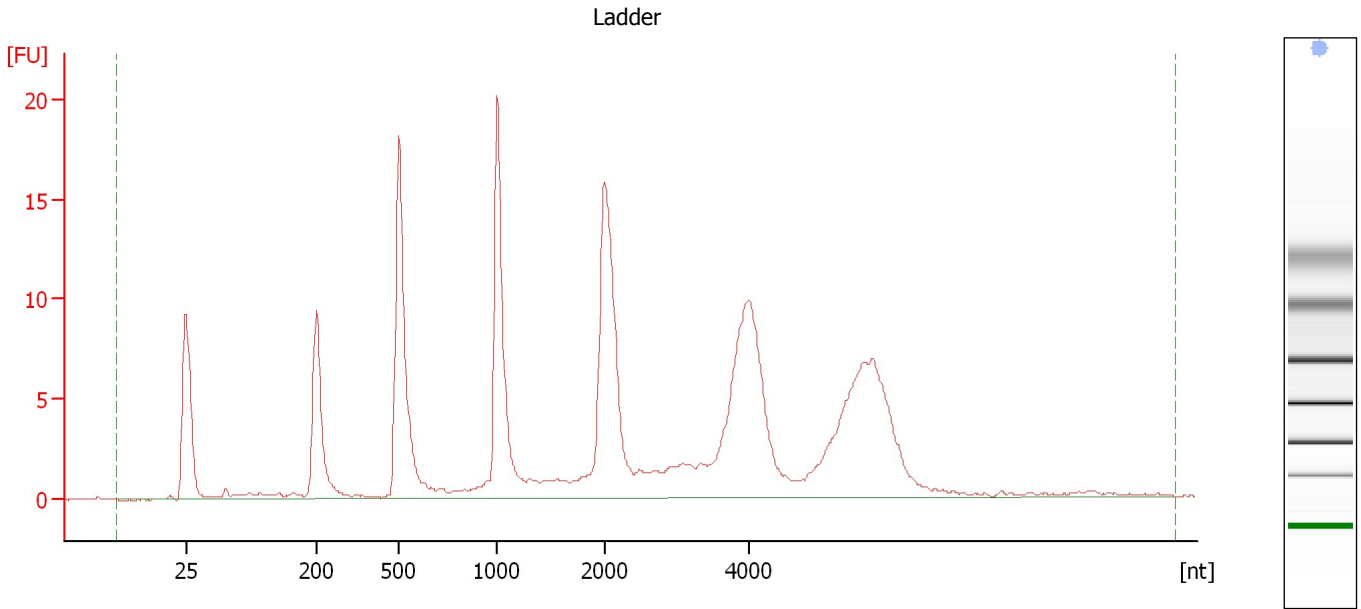
Ladder

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

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-28\2017-08-28_005.xad

Created: 8/28/2017 1:03:07 PM
Modified: 8/28/2017 1:28:01 PM

Electropherogram Summary



Overall Results for Ladder

RNA Area:	205.5	Result Flagging Color:	
RNA Concentration:	150 ng/μl	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-28\2017-08-28_005.xad

Created: 8/28/2017 1:03:07 PM
Modified: 8/28/2017 1:28:01 PM

Electropherogram Summary Continued ...

A1



Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-28\2017-08-28_005.xad

Created: 8/28/2017 1:03:07 PM
Modified: 8/28/2017 1:28:01 PM

Electropherogram Summary Continued ...

A2



Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-28\2017-08-28_005.xad

Created: 8/28/2017 1:03:07 PM
Modified: 8/28/2017 1:28:01 PM

Electropherogram Summary Continued ...

A3



Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-28\2017-08-28_005.xad

Created: 8/28/2017 1:03:07 PM
Modified: 8/28/2017 1:28:01 PM

Electropherogram Summary Continued ...

A4



Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-28\2017-08-28_005.xad

Created: 8/28/2017 1:03:07 PM
Modified: 8/28/2017 1:28:01 PM

Electropherogram Summary Continued ...

A5

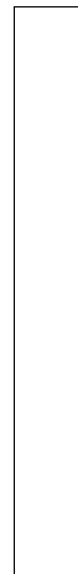


Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-28\2017-08-28_005.xad

Created: 8/28/2017 1:03:07 PM
Modified: 8/28/2017 1:28:01 PM

Electropherogram Summary Continued ...

A6



Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-28\2017-08-28_005.xad

Created: 8/28/2017 1:03:07 PM
Modified: 8/28/2017 1:28:01 PM

Electropherogram Summary Continued ...

A7



Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-28\2017-08-28_005.xad

Created: 8/28/2017 1:03:07 PM
Modified: 8/28/2017 1:28:01 PM

Electropherogram Summary Continued ...

A8



Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-28\2017-08-28_005.xad

Created: 8/28/2017 1:03:07 PM
Modified: 8/28/2017 1:28:01 PM

Electropherogram Summary Continued ...

A9



Overall Results for sample 9 : A9

RNA Area:	484.2	RNA Integrity Number (RIN):	9.8 (B.02.08)
RNA Concentration:	353 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.8	Result Flagging Label:	RIN: 9.80

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-28\2017-08-28_005.xad

Created: 8/28/2017 1:03:07 PM
Modified: 8/28/2017 1:28:01 PM

Electropherogram Summary Continued ...

A10



Overall Results for sample 10 : A10

RNA Area:	550.7	RNA Integrity Number (RIN):	9.1 (B.02.08)
RNA Concentration:	402 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.6	Result Flagging Label:	RIN: 9.10

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-28\2017-08-28_005.xad

Created: 8/28/2017 1:03:07 PM
Modified: 8/28/2017 1:28:01 PM

Electropherogram Summary Continued ...

A11



Overall Results for sample 11 : A11

RNA Area:	355.0	RNA Integrity Number (RIN):	9.9 (B.02.08)
RNA Concentration:	259 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.8	Result Flagging Label:	RIN: 9.90

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-28\2017-08-28_005.xad

Created: 8/28/2017 1:03:07 PM
Modified: 8/28/2017 1:28:01 PM

Electropherogram Summary Continued ...

A12



Overall Results for sample 12 : A12

RNA Area:	423.4	RNA Integrity Number (RIN):	9.2 (B.02.08)
RNA Concentration:	309 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.4	Result Flagging Label:	RIN: 9.20

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-28\2017-08-28_005.xad

Created: 8/28/2017 1:03:07 PM
Modified: 8/28/2017 1:28:01 PM

Gel Image

