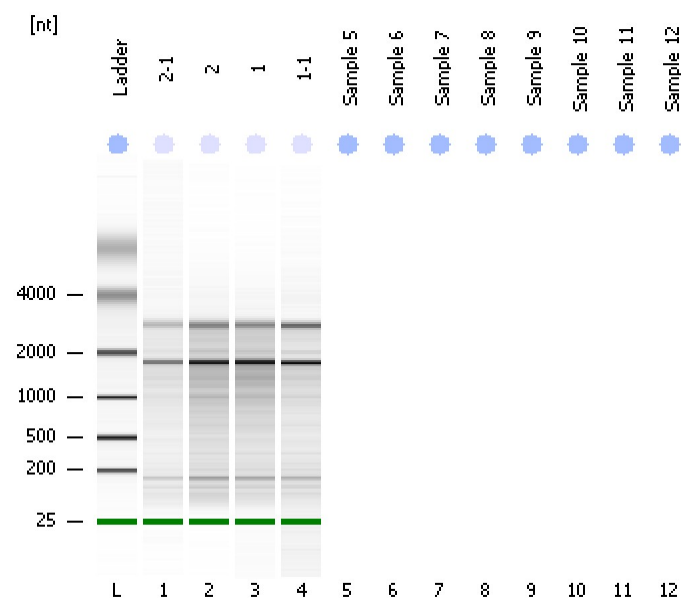


Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2010-12-03_19-40-10.xad

Created: 12/3/2010 7:40:10 PM
Modified: 12/3/2010 7:53:13 PM

Electrophoresis File Run SummaryInstrument Information:

Instrument Name: Ann's baby

Firmware: C.01.069

Serial#: DE24802235

Type: G2938B

Assay Information:

Assay Origin Path: D:\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)

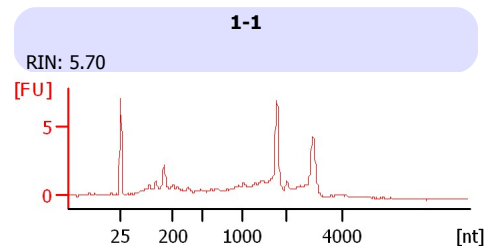
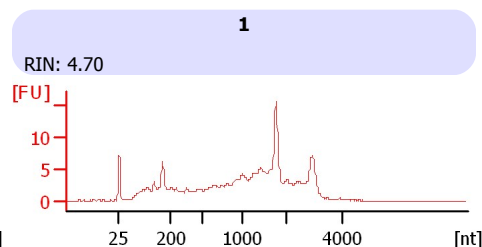
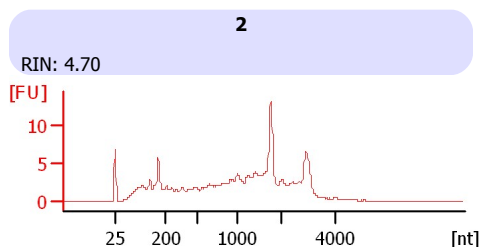
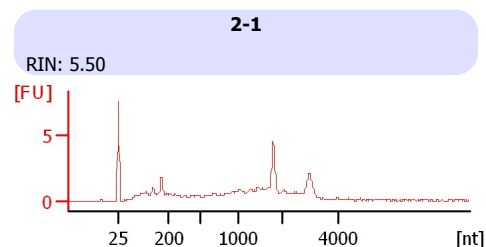
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Chip Information:

Chip Lot #:

Reagent Kit Lot #:

Chip Comments:



Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2010-12-03_19-40-10.xad

Created: 12/3/2010 7:40:10 PM
Modified: 12/3/2010 7:53:13 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
2-1		✓	RIN: 5.50	
2		✓	RIN: 4.70	
1		✓	RIN: 4.70	
1-1		✓	RIN: 5.70	
Sample 5				
Sample 6				
Sample 7				
Sample 8				
Sample 9				
Sample 10				
Sample 11				
Sample 12				

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

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...\Eukaryote Total RNA Nano_DE24802235_2010-12-03_19-40-10.xad

Created: 12/3/2010 7:40:10 PM
Modified: 12/3/2010 7:53:13 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

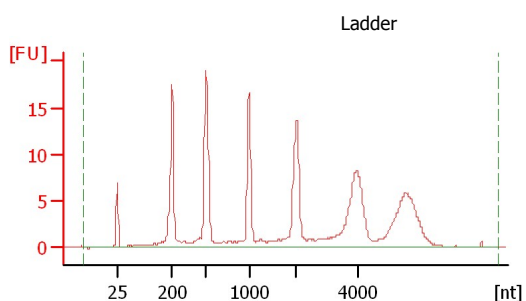
Ladder

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

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2010-12-03_19-40-10.xad

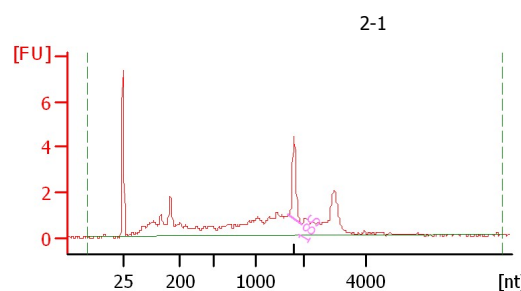
Created: 12/3/2010 7:40:10 PM
Modified: 12/3/2010 7:53:13 PM

Electropherogram Summary



Overall Results for Ladder

RNA Area: 200.1
RNA Concentration: 150 ng/μl
Result Flagging Color:
Result Flagging Label: All Other Samples

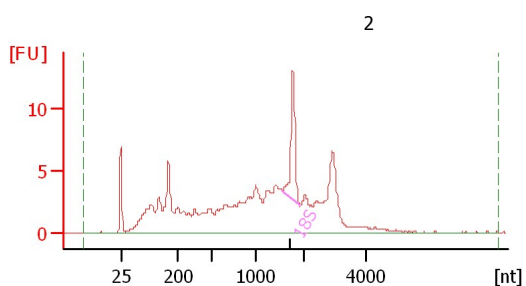


Overall Results for sample 1 : 2-1

RNA Area: 46.0
RNA Concentration: 35 ng/μl
rRNA Ratio [28s / 18s]: 0.0
RNA Integrity Number (RIN): 5.5 (B.02.07)
Result Flagging Color:
Result Flagging Label: RIN: 5.50

Fragment table for sample 1 : 2-1

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,671	1,933	4.2	9.1

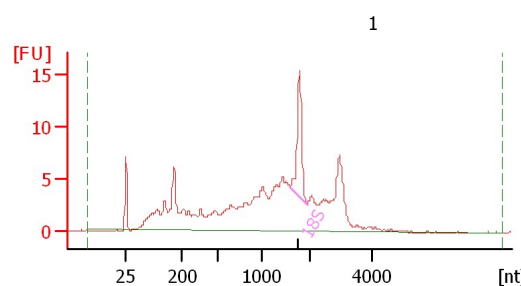


Overall Results for sample 2 : 2

RNA Area: 174.1
RNA Concentration: 131 ng/μl
rRNA Ratio [28s / 18s]: 0.0
RNA Integrity Number (RIN): 4.7 (B.02.07)
Result Flagging Color:
Result Flagging Label: RIN: 4.70

Fragment table for sample 2 : 2

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,564	1,911	13.4	7.7



Overall Results for sample 3 : 1

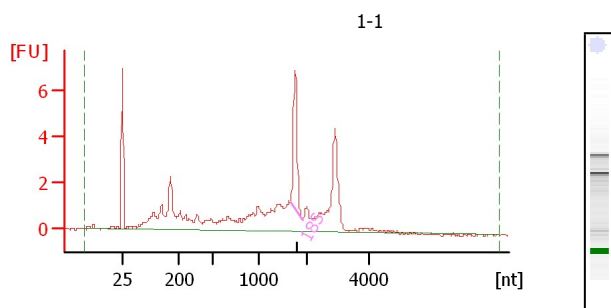
RNA Area: 195.7
RNA Concentration: 147 ng/μl
rRNA Ratio [28s / 18s]: 0.0
RNA Integrity Number (RIN): 4.7 (B.02.07)
Result Flagging Color:
Result Flagging Label: RIN: 4.70

Fragment table for sample 3 : 1

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,595	1,931	16.6	8.5

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2010-12-03_19-40-10.xad

Created: 12/3/2010 7:40:10 PM
Modified: 12/3/2010 7:53:13 PM

Electropherogram Summary Continued ...**Overall Results for sample 4 : 1-1**

RNA Area: 57.1
RNA Concentration: 43 ng/μl
rRNA Ratio [28s / 18s]: 0.0
RNA Integrity Number (RIN): 5.7 (B.02.07)
Result Flagging Color:
Result Flagging Label: RIN: 5.70

Fragment table for sample 4 : 1-1

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
------	-----------------	---------------	------	-----------------

18S	1,671	1,913	6.7	11.8
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Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2010-12-03_19-40-10.xad

Created: 12/3/2010 7:40:10 PM
Modified: 12/3/2010 7:53:13 PM

Gel Image