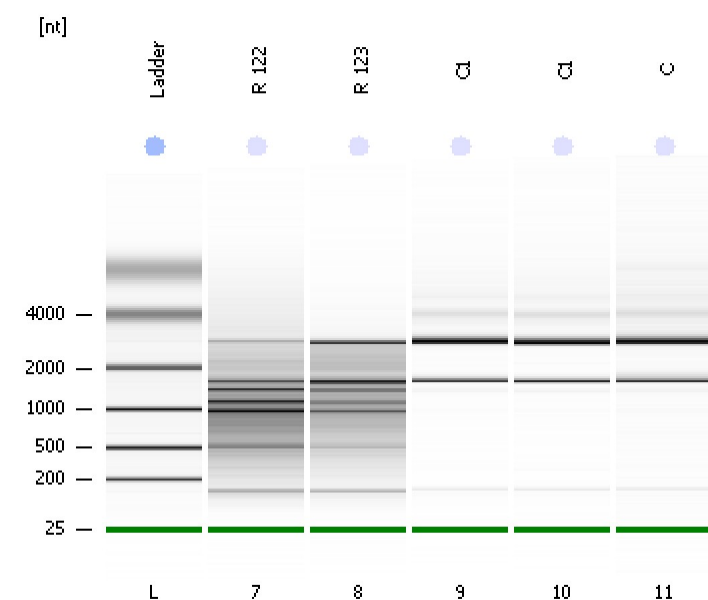


Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...0 expert\data\2012-05-31\Shulz RNA pico chip R122 R123.xad

Created: 5/31/2012 8:55:22 PM
Modified: 6/5/2012 1:15:43 PM

Electrophoresis File Run SummaryInstrument Information:

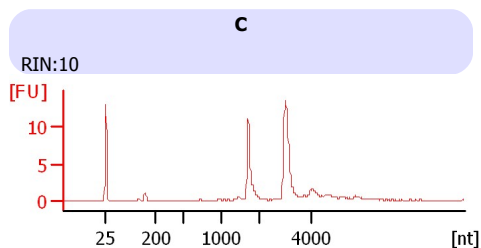
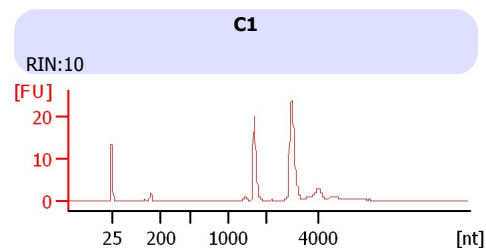
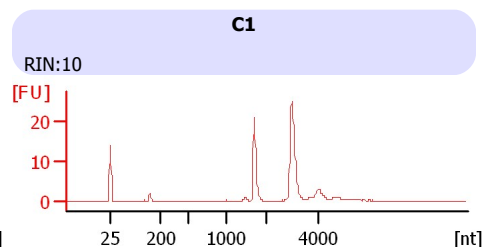
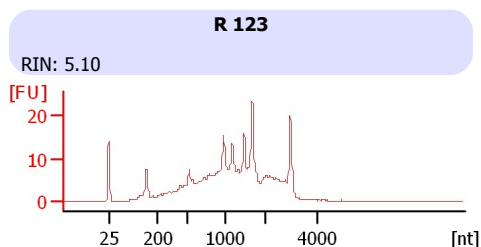
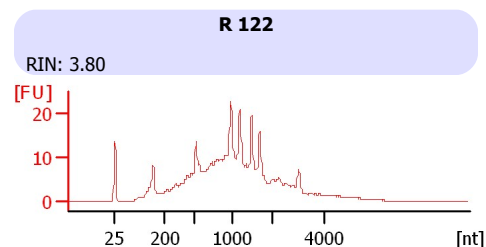
Instrument Name: Ann's baby Firmware: C.01.069
Serial#: DE24802235 Type: G2938B

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:\...0 expert\data\2012-05-31\Shulz RNA pico chip R122 R123.xad

Created: 5/31/2012 8:55:22 PM
Modified: 6/5/2012 1:15:43 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
R 122		✓	RIN: 3.80	
R 123		✓	RIN: 5.10	
C1		✓	RIN:10	
C1		✓	RIN:10	
C		✓	RIN:10	
Ladder		✓	All Other Samples	

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

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...0 expert\data\2012-05-31\Shulz RNA pico chip R122 R123.xad

Created: 5/31/2012 8:55:22 PM
Modified: 6/5/2012 1:15:43 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] : 0.5
Area Threshold : 0.2
Width Threshold [s] : 0.5
Baseline Plateau [s] : 6

Filter Settings

Filter Width [s] : 0.5
Polynomial Order : 4

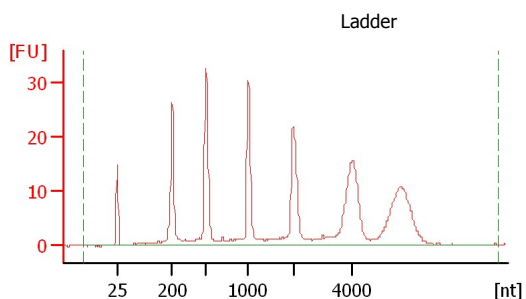
Ladder

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

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...0 expert\data\2012-05-31\Shulz RNA pico chip R122 R123.xad

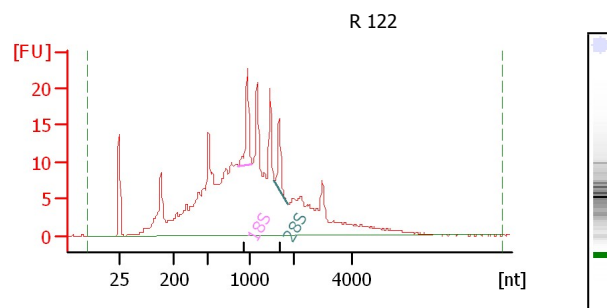
Created: 5/31/2012 8:55:22 PM
Modified: 6/5/2012 1:15:43 PM

Electropherogram Summary



Overall Results for Ladder

RNA Area: 323.2
RNA Concentration: 150 ng/μl
Result Flagging Color:
Result Flagging Label: All Other Samples

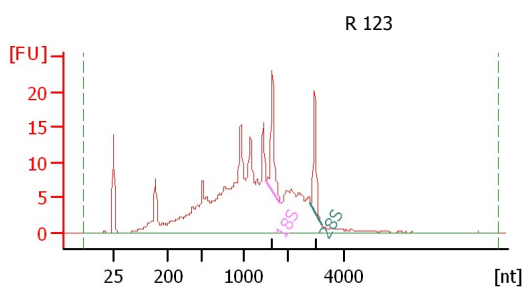


Overall Results for sample 7 : R 122

RNA Area: 413.6
RNA Concentration: 192 ng/μl
rRNA Ratio [28s / 18s]: 0.6
RNA Integrity Number (RIN): 3.8 (B.02.08)
Result Flagging Color:
Result Flagging Label: RIN: 3.80

Fragment table for sample 7 : R 122

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	872	1,079	15.1	3.6
28S	1,575	1,870	9.1	2.2

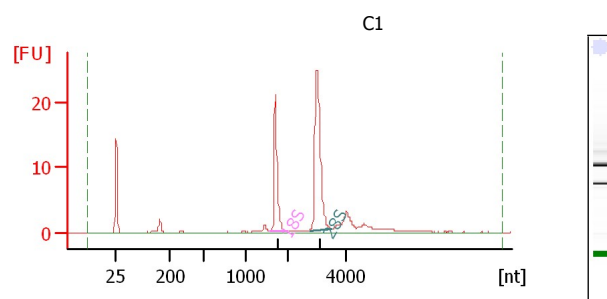


Overall Results for sample 8 : R 123

RNA Area: 321.4
RNA Concentration: 149 ng/μl
rRNA Ratio [28s / 18s]: 0.8
RNA Integrity Number (RIN): 5.1 (B.02.08)
Result Flagging Color:
Result Flagging Label: RIN: 5.10

Fragment table for sample 8 : R 123

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,531	1,857	18.1	5.6
28S	2,830	3,193	14.6	4.5



Overall Results for sample 9 : C1

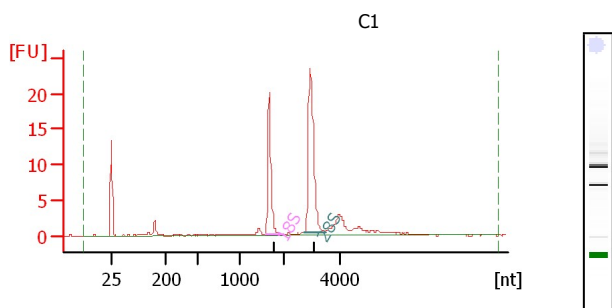
RNA Area: 93.6
RNA Concentration: 43 ng/μl
rRNA Ratio [28s / 18s]: 1.8
RNA Integrity Number (RIN): 10 (B.02.08)
Result Flagging Color:
Result Flagging Label: RIN: 10

Fragment table for sample 9 : C1

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,592	1,988	21.7	23.2
28S	2,728	3,489	39.0	41.7

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...0 expert\data\2012-05-31\Shulz RNA pico chip R122 R123.xad

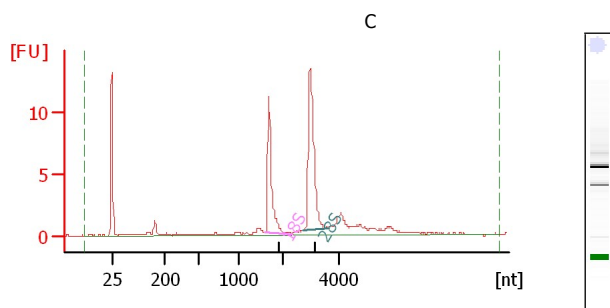
Created: 5/31/2012 8:55:22 PM
Modified: 6/5/2012 1:15:43 PM

Electropherogram Summary Continued ...**Overall Results for sample 10 : C1**

RNA Area: 88.5
RNA Concentration: 41 ng/μl
rRNA Ratio [28s / 18s]: 1.8
RNA Integrity Number (RIN): 10 (B.02.08)
Result Flagging Color:
Result Flagging Label: RIN:10

Fragment table for sample 10 : C1

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,598	2,009	19.9	22.5
28S	2,728	3,492	36.3	41.0

**Overall Results for sample 11 : C**

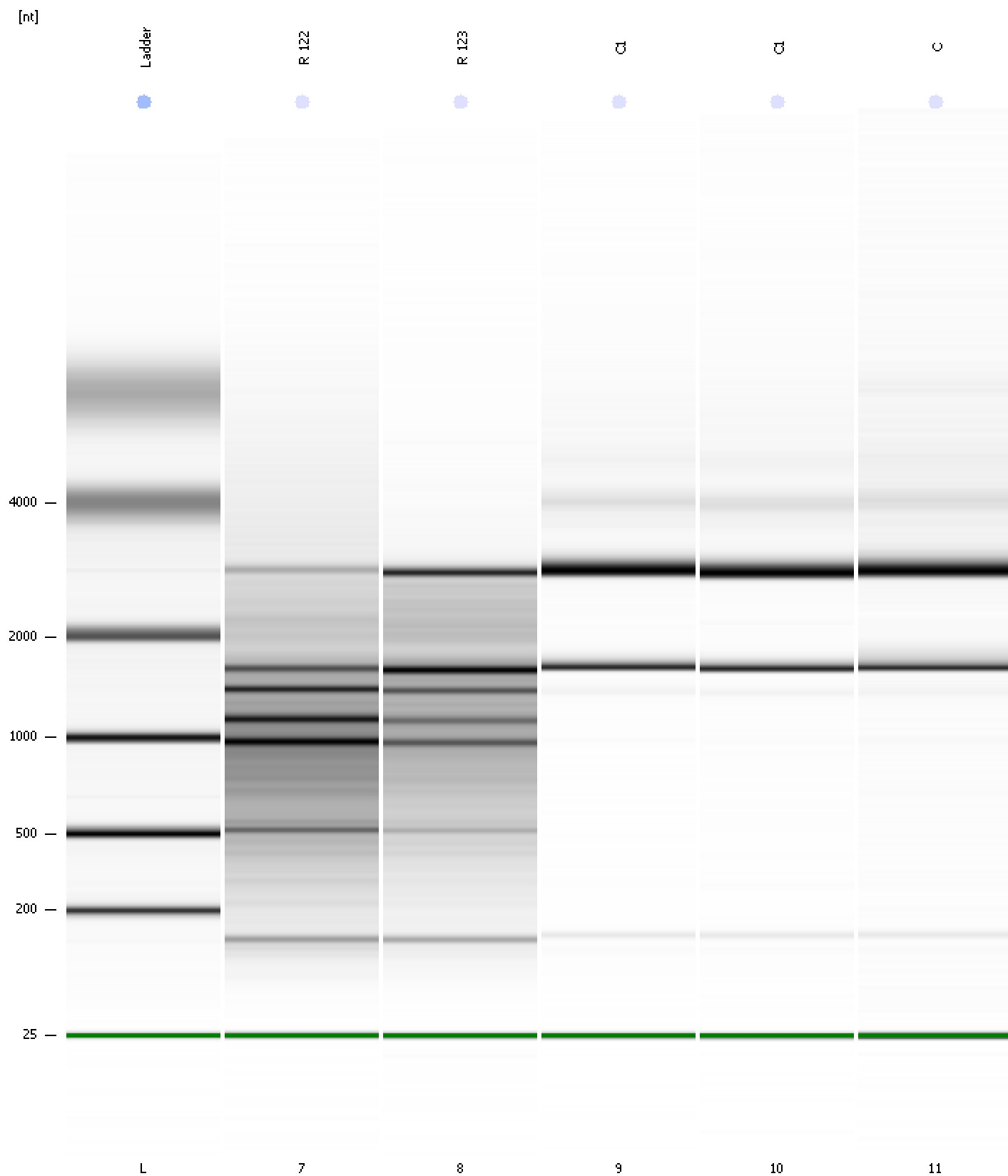
RNA Area: 58.0
RNA Concentration: 27 ng/μl
rRNA Ratio [28s / 18s]: 1.6
RNA Integrity Number (RIN): 10 (B.02.08)
Result Flagging Color:
Result Flagging Label: RIN:10

Fragment table for sample 11 : C

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,584	2,345	13.3	23.0
28S	2,714	3,614	22.0	37.9

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...0 expert\data\2012-05-31\Shulz RNA pico chip R122 R123.xad

Created: 5/31/2012 8:55:22 PM
Modified: 6/5/2012 1:15:43 PM

Gel Image

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...0 expert\data\2012-05-31\Shulz RNA pico chip R122 R123.xad

Created: 5/31/2012 8:55:22 PM
Modified: 6/5/2012 1:15:43 PM

Curves

Standard Curve

