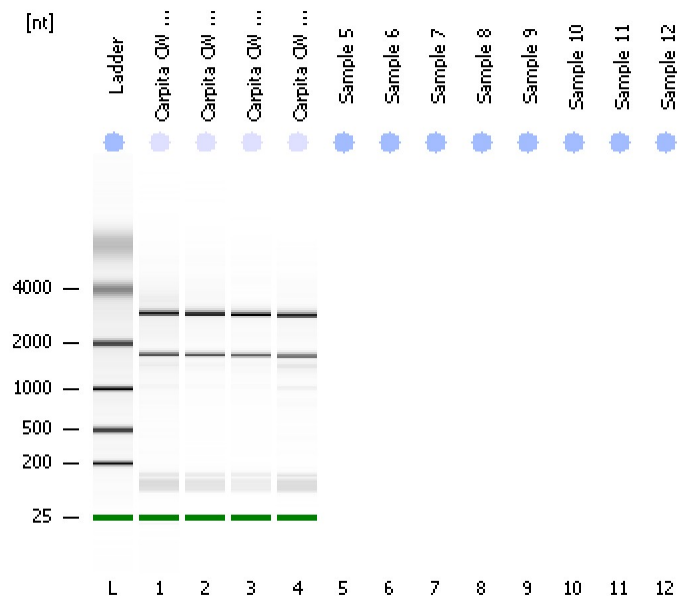


Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2011-03-02_16-38-15.xad

Created: 3/2/2011 4:38:16 PM
Modified: 3/2/2011 4:51:19 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:

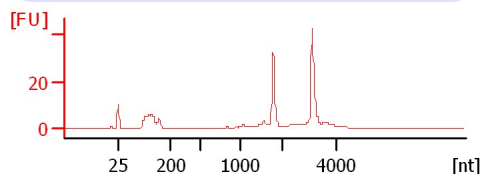
Chip Lot #:

Reagent Kit Lot #:

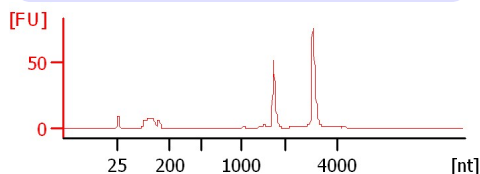
Chip Comments:

Carpita CW Small RNA 49-5

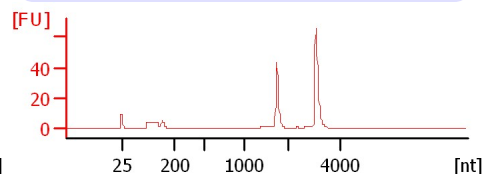
RIN: 8.80

**Carpita CW Small RNA 49-6**

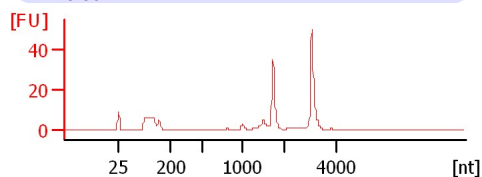
RIN: 9.50

**Carpita CW Small RNA 49-8**

RIN: 9.60

**Carpita CW Small RNA 56-6**

RIN: 8.80



Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2011-03-02_16-38-15.xad

Created: 3/2/2011 4:38:16 PM
Modified: 3/2/2011 4:51:19 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
Carpita CW Small RNA 49-5		✓	RIN: 8.80	
Carpita CW Small RNA 49-6		✓	RIN: 9.50	
Carpita CW Small RNA 49-8		✓	RIN: 9.60	
Carpita CW Small RNA 56-6		✓	RIN: 8.80	
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_2011-03-02_16-38-15.xad

Created: 3/2/2011 4:38:16 PM
Modified: 3/2/2011 4:51:19 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

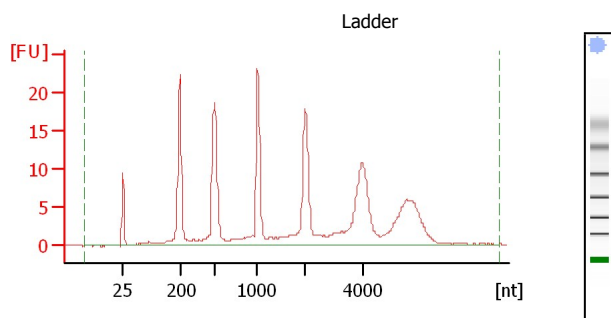
Ladder

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_2011-03-02_16-38-15.xad

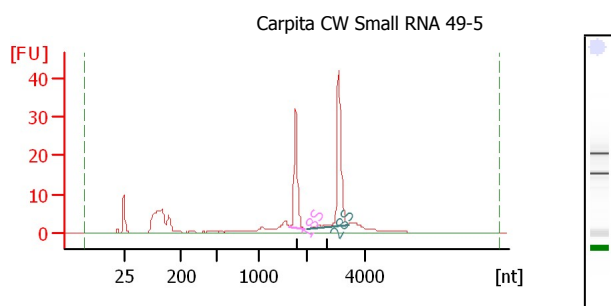
Created: 3/2/2011 4:38:16 PM
Modified: 3/2/2011 4:51:19 PM

Electropherogram Summary



Overall Results for Ladder

RNA Area: 249.9
RNA Concentration: 150 ng/μl
Result Flagging Color:
Result Flagging Label: All Other Samples



Overall Results for sample 1 : Carpita CW Small RNA 49-5

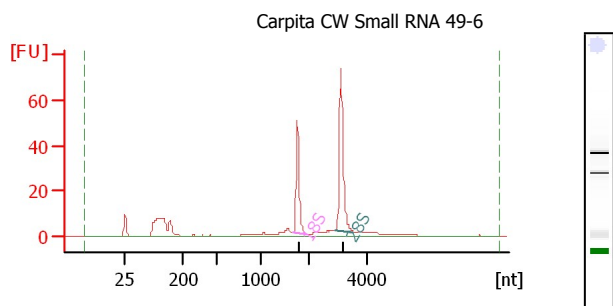
RNA Area: 179.3
RNA Concentration: 108 ng/μl
rRNA Ratio [28s / 18s]: 1.5
RNA Integrity Number (RIN): 8.8 (B.02.07)
Result Flagging Color:
Result Flagging Label: RIN: 8.80

Fragment table for sample 1 : Carpita CW Small RNA 49-5

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,631	1,948	29.6	16.5
28S	1,992	3,456	44.1	24.6

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2011-03-02_16-38-15.xad

Created: 3/2/2011 4:38:16 PM
Modified: 3/2/2011 4:51:19 PM

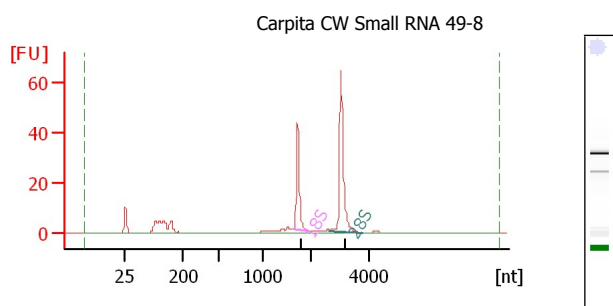
Electropherogram Summary Continued ...**Overall Results for sample 2 : Carpita CW Small RNA 49-6**

RNA Area: 245.8
RNA Concentration: 148 ng/μl
rRNA Ratio [28s / 18s]: 1.6
RNA Integrity Number (RIN): 9.5 (B.02.07)
Result Flagging Color:
Result Flagging Label: RIN: 9.50

Fragment table for sample 2 : Carpita CW Small RNA 49-6

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
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18S	1,654	1,969	46.4	18.9
28S	2,859	3,538	76.4	31.1

**Overall Results for sample 3 : Carpita CW Small RNA 49-8**

RNA Area: 184.9
RNA Concentration: 111 ng/μl
rRNA Ratio [28s / 18s]: 1.8
RNA Integrity Number (RIN): 9.6 (B.02.07)
Result Flagging Color:
Result Flagging Label: RIN: 9.60

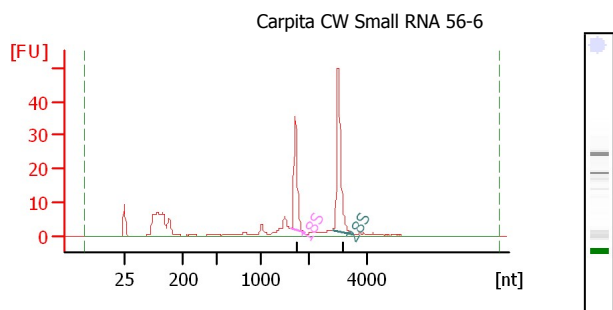
Fragment table for sample 3 : Carpita CW Small RNA 49-8

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

18S	1,664	1,961	37.8	20.5
28S	2,686	3,811	67.5	36.5

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2011-03-02_16-38-15.xad

Created: 3/2/2011 4:38:16 PM
Modified: 3/2/2011 4:51:19 PM

Electropherogram Summary Continued ...**Overall Results for sample 4 : Carpita CW Small RNA 56-6**

RNA Area: 192.2
RNA Concentration: 115 ng/ μ l
rRNA Ratio [28s / 18s]: 1.5
RNA Integrity Number (RIN): 8.8 (B.02.07)
Result Flagging Color:
Result Flagging Label: RIN: 8.80

Fragment table for sample 4 : Carpita CW Small RNA 56-6

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

18S	1,652	1,924	33.2	17.3
28S	2,831	3,526	51.2	26.6

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2011-03-02_16-38-15.xad

Created: 3/2/2011 4:38:16 PM
Modified: 3/2/2011 4:51:19 PM

Gel Image