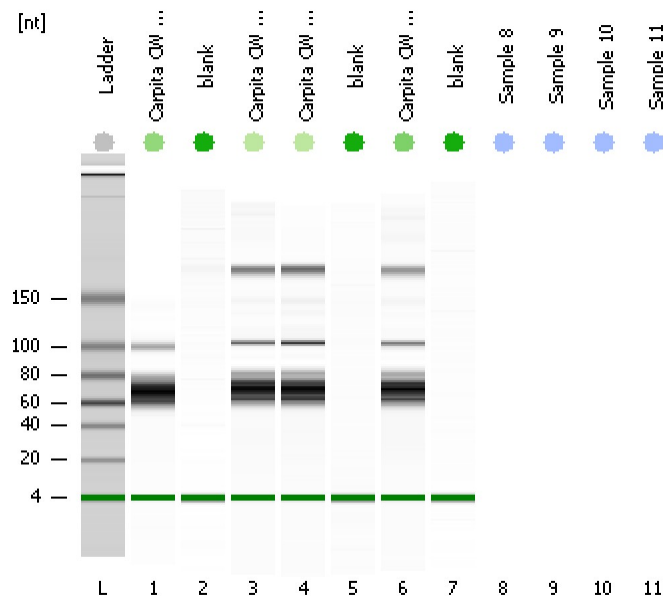


Assay Class: Small RNA
Data Path: D:\...03\2100 expert_Small RNA_DE24802235_2011-03-03_17-33-27.xad

Created: 3/3/2011 5:33:27 PM
Modified: 3/4/2011 2:32:01 PM

Electrophoresis File Run SummaryInstrument Information:

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

Assay Information:

Assay Origin Path: D:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\Small RNA Series II.xsy

Assay Class: Small RNA
Version: 1.2
Assay Comments: Small RNA Analysis 6 - 150 nucleotides

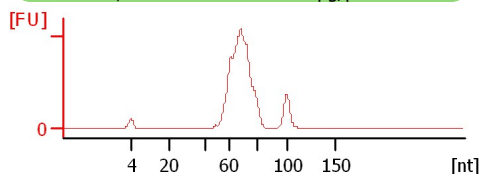
© Copyright 2007 - 2009 Agilent Technologies, Inc.

Chip Information:

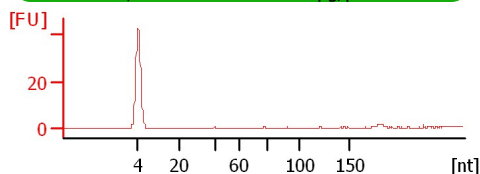
Chip Lot #:
Reagent Kit Lot #:
Chip Comments:

Carpita CW Small RNA 49-5

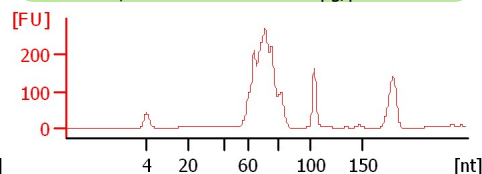
6 % miRNA; Concentration: 672.30 pg/μl

**blank**

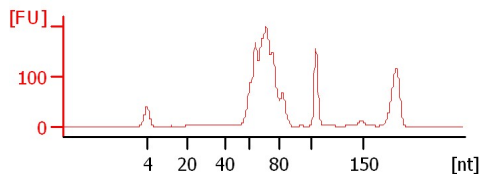
22 % miRNA; Concentration: 41.30 pg/μl

**Carpita CW Small RNA 49-6**

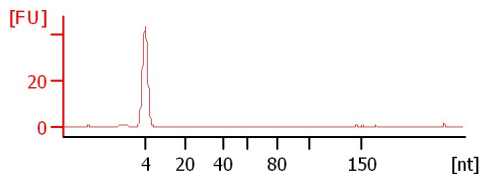
4 % miRNA; Concentration: 299.90 pg/μl

**Carpita CW Small RNA 49-8**

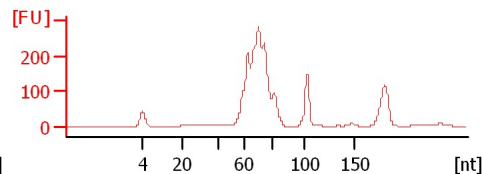
4 % miRNA; Concentration: 291.40 pg/μl

**blank**

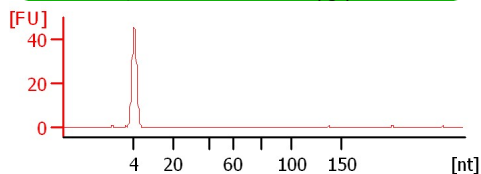
32 % miRNA; Concentration: 9.10 pg/μl

**Carpita CW Small RNA 56-6**

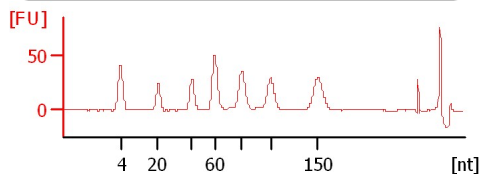
7 % miRNA; Concentration: 584.30 pg/μl

**blank**

39 % miRNA; Concentration: 64.80 pg/μl

**Ladder**

Number of Peaks: 7



Assay Class: Small RNA
Data Path: D:\...03\2100 expert_Small RNA_DE24802235_2011-03-03_17-33-27.xad

Created: 3/3/2011 5:33:27 PM
Modified: 3/4/2011 2:32:01 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
Carpita CW Small RNA 49-5		✓	6 % miRNA; Concentration: 672.30 pg/μl	
blank		✓	22 % miRNA; Concentration: 41.30 pg/μl	
Carpita CW Small RNA 49-6		✓	4 % miRNA; Concentration: 299.90 pg/μl	
Carpita CW Small RNA 49-8		✓	4 % miRNA; Concentration: 291.40 pg/μl	
blank		✓	32 % miRNA; Concentration: 9.10 pg/μl	
Carpita CW Small RNA 56-6		✓	7 % miRNA; Concentration: 584.30 pg/μl	
blank		✓	39 % miRNA; Concentration: 64.80 pg/μl	
Sample 8				
Sample 9				
Sample 10				
Sample 11				

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

Assay Class: Small RNA
Data Path: D:\...03\2100 expert_Small RNA_DE24802235_2011-03-03_17-33-27.xad

Created: 3/3/2011 5:33:27 PM
Modified: 3/4/2011 2:32:01 PM

Electrophoresis Assay Details

General Analysis Settings

Number of Available Sample and Ladder Wells (Max.) : 12
Minimum Visible Range [s] : 30
Maximum Visible Range [s] : 90
Start Analysis Time Range [s] : 31
End Analysis Time Range [s] : 89
Ladder Concentration [pg/ μ l] : 2500
Lower Marker Concentration [pg/ μ l] : 500
Upper Marker Concentration [pg/ 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] : 30
Integration End Time [s] : 89
Slope Threshold : 0.6
Height Threshold [FU] : 3
Area Threshold : 0.2
Width Threshold [s] : 0.5
Baseline Plateau [s] : 60

Filter Settings

Filter Width [s] : 0.5
Polynomial Order : 4

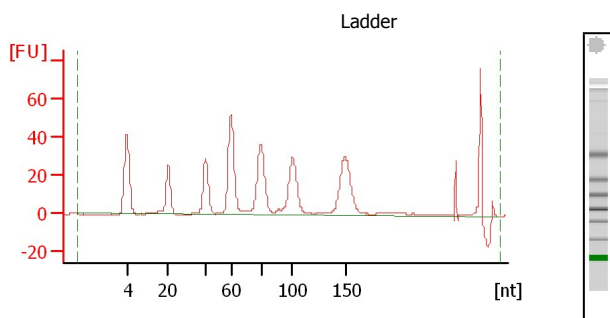
Ladder

Ladder Peak	Size
1	4
2	20
3	40
4	60
5	80
6	100
7	150

Assay Class: Small RNA
Data Path: D:\...03\2100 expert_Small RNA_DE24802235_2011-03-03_17-33-27.xad

Created: 3/3/2011 5:33:27 PM
Modified: 3/4/2011 2:32:01 PM

Electropherogram Summary



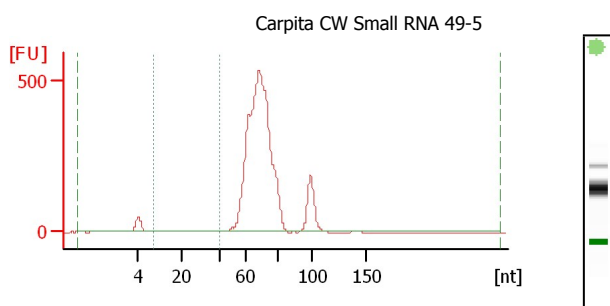
Overall Results for Ladder

Result Flagging Color:



Result Flagging Label:

Number of Peaks: 7



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

Small RNA Concentration [pg/μl]: 12,040.9
miRNA Concentration [pg/μl]: 672.3
miRNA / Small RNA Ratio [%]: 6
Result Flagging Color:
Result Flagging Label: 6 % miRNA; Concentration: 672.30 pg/μl

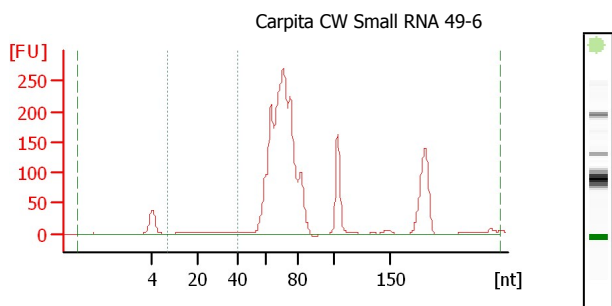
Region table for sample 1 : Carpita CW Small RNA 49-5

Name	From [nt]	To [nt]	Average Size [nt]	Size distribution in [pg/μl]	Conc. in [pg/μl]	% of Total	Color
Small RNA	0	274	69	23.6	12,040.9	100	
miRNA	10	40	27	30.5	672.3	6	

Assay Class: Small RNA
 Data Path: D:\...03\2100 expert_Small RNA_DE24802235_2011-03-03_17-33-27.xad

Created: 3/3/2011 5:33:27 PM
 Modified: 3/4/2011 2:32:01 PM

Electropherogram Summary Continued ...

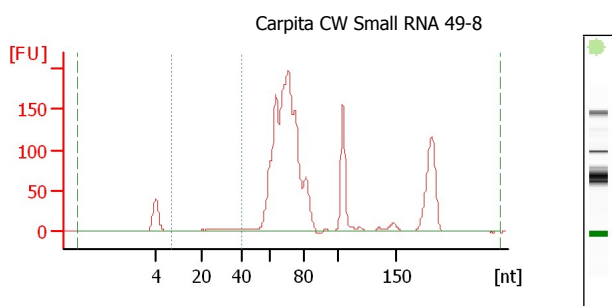


Overall Results for sample 3 : Carpita CW Small RNA 49-6

Small RNA Concentration [pg/μl]: 8,438.8
 miRNA Concentration [pg/μl]: 299.9
 miRNA / Small RNA Ratio [%]: 4
 Result Flagging Color:
 Result Flagging Label: 4 % miRNA; Concentration: 299.90 pg/μl

Region table for sample 3 : Carpita CW Small RNA 49-6

Name	From [nt]	To [nt]	Average Size [nt]	Size distribution in [pg/μl]	Conc. [pg/μl]	% of Total	Color
Small RNA	0	246	89	49.9	8,438.8	100	
miRNA	10	40	28	26.5	299.9	4	



Overall Results for sample 4 : Carpita CW Small RNA 49-8

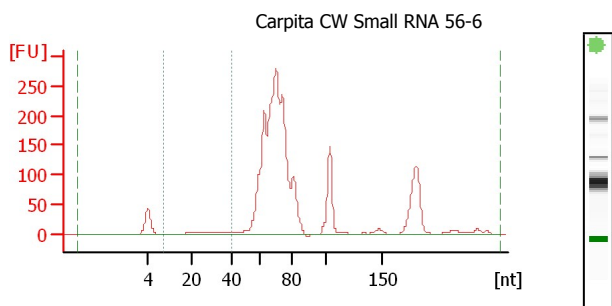
Small RNA Concentration [pg/μl]: 6,505.4
 miRNA Concentration [pg/μl]: 291.4
 miRNA / Small RNA Ratio [%]: 4
 Result Flagging Color:
 Result Flagging Label: 4 % miRNA; Concentration: 291.40 pg/μl

Region table for sample 4 : Carpita CW Small RNA 49-8

Name	From [nt]	To [nt]	Average Size [nt]	Size distribution in [pg/μl]	Conc. [pg/μl]	% of Total	Color
Small RNA	0	240	89	49.6	6,505.4	100	
miRNA	10	40	29	26.3	291.4	4	

Assay Class: Small RNA
Data Path: D:\...03\2100 expert_Small RNA_DE24802235_2011-03-03_17-33-27.xad

Created: 3/3/2011 5:33:27 PM
Modified: 3/4/2011 2:32:01 PM

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

Small RNA Concentration [pg/μl]: 8,127.3
miRNA Concentration [pg/μl]: 584.3
miRNA / Small RNA Ratio [%]: 7
Result Flagging Color:
Result Flagging Label: 7 % miRNA; Concentration: 584.30 pg/μl

Region table for sample 6 : Carpita CW Small RNA 56-6

Name	From [nt]	To [nt]	Average Size [nt]	Size distribution in CV [%]	Conc. in [pg/μl]	% of Total	Color
Small RNA	0	255	87	51.8	8,127.3	100	
miRNA	10	40	29	25.8	584.3	7	

Assay Class: Small RNA
Data Path: D:\...03\2100 expert_Small RNA_DE24802235_2011-03-03_17-33-27.xad

Created: 3/3/2011 5:33:27 PM
Modified: 3/4/2011 2:32:01 PM

Gel Image