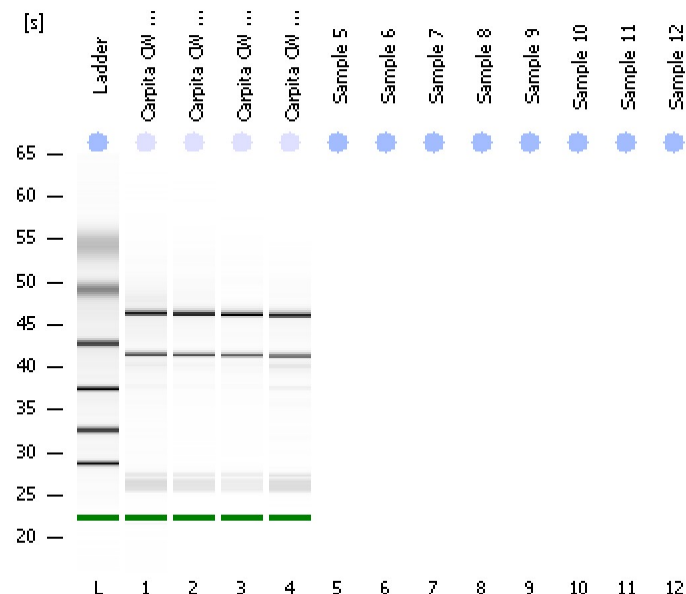


Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2011-03-02_16-38-15.xad

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
Serial#: DE24802235
Firmware: C.01.069
Type: G2938B

Assay Information:

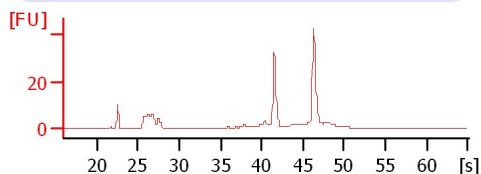
Assay Origin Path: D:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\Eukaryote Total RNA Nano Series II.xsy
Assay Class: Eukaryote Total RNA Nano
Version: 2.6
Assay Comments: Total RNA Analysis ng sensitivity (Eukaryote)
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Chip Information:

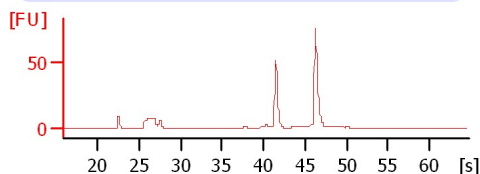
Chip Lot #:
Reagent Kit Lot #:
Chip Comments:

Carpita CW Small RNA 49-5

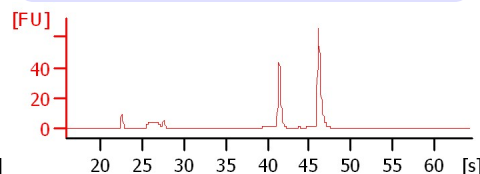
RIN: 8.80

**Carpita CW Small RNA 49-6**

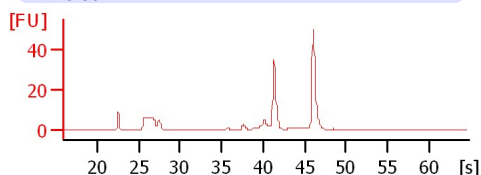
RIN: 9.50

**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/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

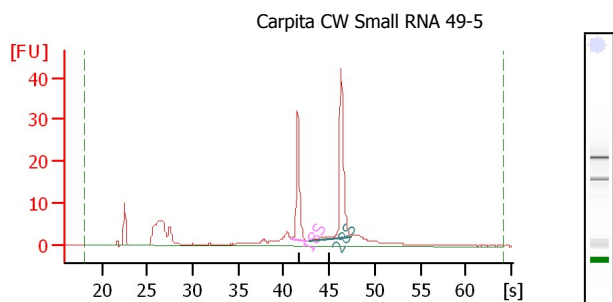
Ladder

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

Assay Class: Eukaryote Total RNA Nano
 Data Path: D:\...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

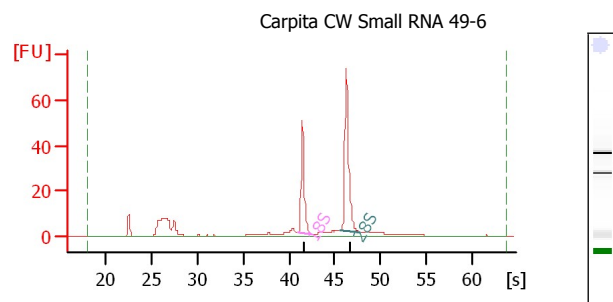


Overall Results for sample 1 : Carpita CW Small RNA 49-5

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 Time [s]	End Time [s]	Area	% of total Area
18S	40.82	42.49	29.6	16.5
28S	42.72	47.42	44.1	24.6

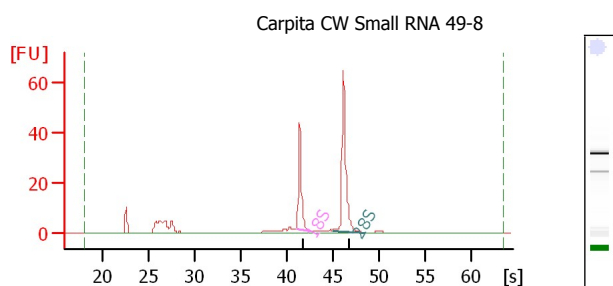


Overall Results for sample 2 : Carpita CW Small RNA 49-6

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 Time [s]	End Time [s]	Area	% of total Area
18S	40.93	42.60	46.4	18.9
28S	45.51	47.68	76.4	31.1

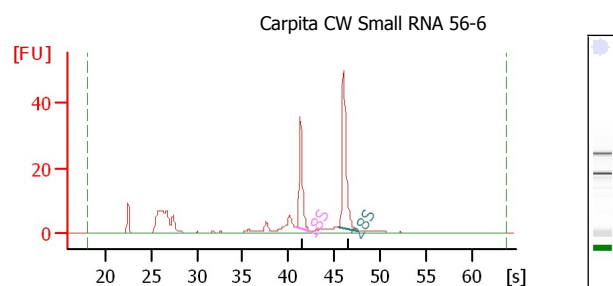


Overall Results for sample 3 : Carpita CW Small RNA 49-8

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 Time [s]	End Time [s]	Area	% of total Area
18S	40.99	42.56	37.8	20.5
28S	44.95	48.55	67.5	36.5



Overall Results for sample 4 : Carpita CW Small RNA 56-6

RNA Area: 192.2
 RNA Concentration: 115 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 4 : Carpita CW Small RNA 56-6

Name	Start Time [s]	End Time [s]	Area	% of total Area
18S	40.93	42.36	33.2	17.3
28S	45.42	47.64	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