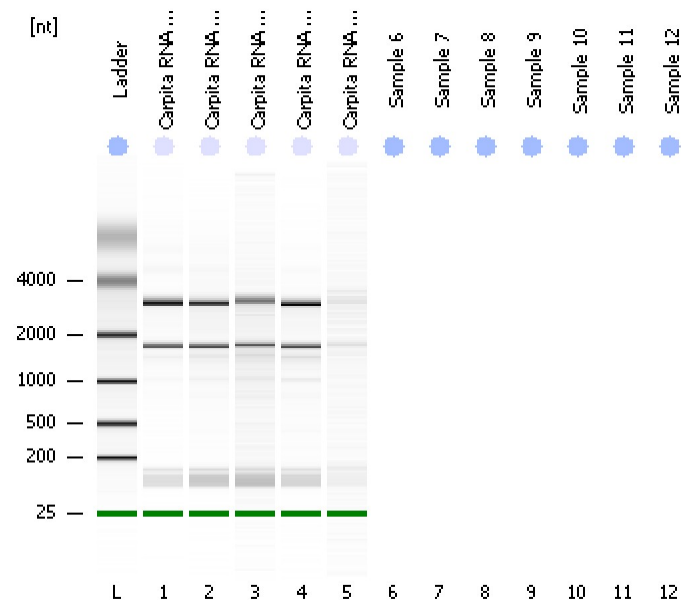


Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2011-03-11_11-15-38.xad

Created: 3/11/2011 11:15:38 AM
Modified: 3/11/2011 11:29:58 AM

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)

© Copyright 2003 - 2009 Agilent Technologies, Inc.

Chip Information:

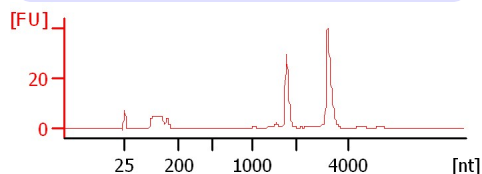
Chip Lot #:

Reagent Kit Lot #:

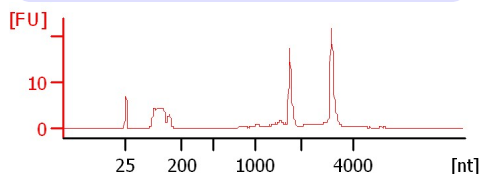
Chip Comments:

Carpita RNA A-3 repeat

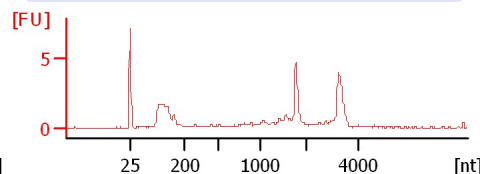
RIN: 9.70

**Carpita RNA A-5 repeat**

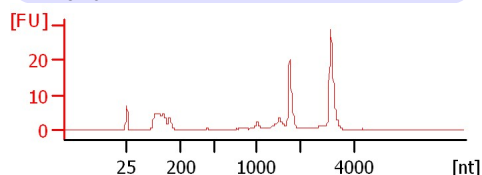
RIN: 8.40

**Carpita RNA A-9 repeat**

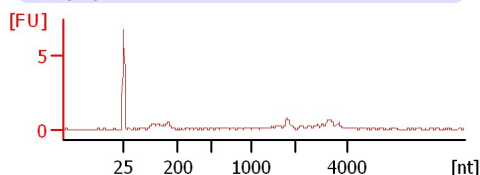
RIN: 7.80

**Carpita RNA A-10 repeat**

RIN: 8.40

**Carpita RNA B-1 repeat**

RIN: 6.20



Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2011-03-11_11-15-38.xad

Created: 3/11/2011 11:15:38 AM
Modified: 3/11/2011 11:29:58 AM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
Carpita RNA A-3 repeat		✓	RIN: 9.70	
Carpita RNA A-5 repeat		✓	RIN: 8.40	
Carpita RNA A-9 repeat		✓	RIN: 7.80	
Carpita RNA A-10 repeat		✓	RIN: 8.40	
Carpita RNA B-1 repeat		✓	RIN: 6.20	
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_2011-03-11_11-15-38.xad

Created: 3/11/2011 11:15:38 AM
Modified: 3/11/2011 11:29:58 AM

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

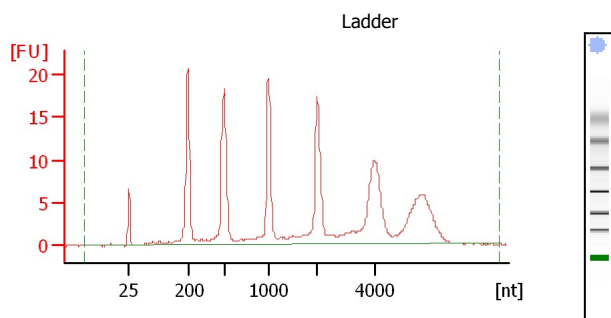
Ladder

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_2011-03-11_11-15-38.xad

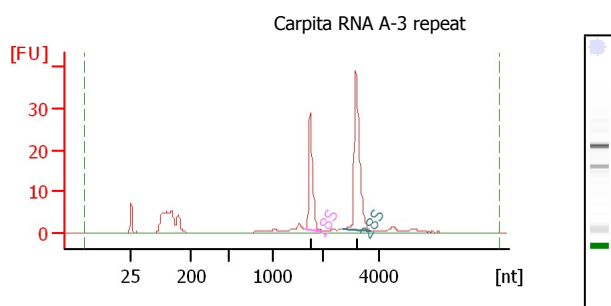
Created: 3/11/2011 11:15:38 AM
Modified: 3/11/2011 11:29:58 AM

Electropherogram Summary



Overall Results for Ladder

RNA Area: 221.1
RNA Concentration: 150 ng/μl
Result Flagging Color:
Result Flagging Label: All Other Samples



Overall Results for sample 1 : Carpita RNA A-3 repeat

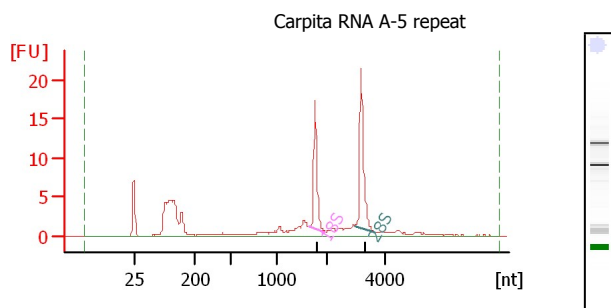
RNA Area: 151.4
RNA Concentration: 103 ng/μl
rRNA Ratio [28s / 18s]: 1.8
RNA Integrity Number (RIN): 9.7 (B.02.07)
Result Flagging Color:
Result Flagging Label: RIN: 9.70

Fragment table for sample 1 : Carpita RNA A-3 repeat

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,658	1,945	30.1	19.9
28S	2,734	3,708	53.3	35.2

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2011-03-11_11-15-38.xad

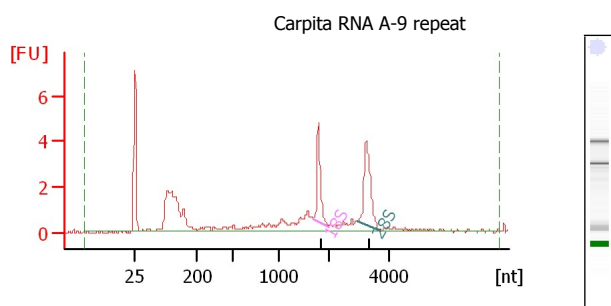
Created: 3/11/2011 11:15:38 AM
Modified: 3/11/2011 11:29:58 AM

Electropherogram Summary Continued ...**Overall Results for sample 2 : Carpita RNA A-5 repeat**

RNA Area: 104.3
RNA Concentration: 71 ng/μl
rRNA Ratio [28s / 18s]: 1.3
RNA Integrity Number (RIN): 8.4 (B.02.07)
Result Flagging Color:
Result Flagging Label: RIN: 8.40

Fragment table for sample 2 : Carpita RNA A-5 repeat

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,642	1,967	15.7	15.0
28S	2,978	3,667	20.9	20.0

**Overall Results for sample 3 : Carpita RNA A-9 repeat**

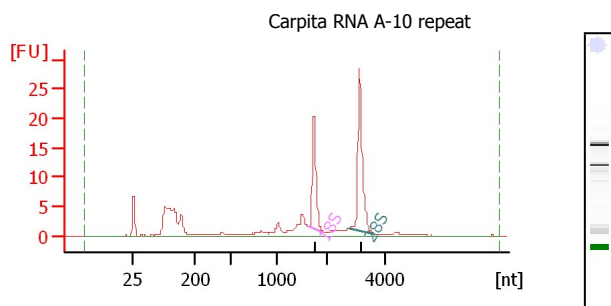
RNA Area: 37.2
RNA Concentration: 25 ng/μl
rRNA Ratio [28s / 18s]: 1.5
RNA Integrity Number (RIN): 7.8 (B.02.07)
Result Flagging Color:
Result Flagging Label: RIN: 7.80

Fragment table for sample 3 : Carpita RNA A-9 repeat

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,679	1,986	4.2	11.4
28S	2,933	3,761	6.2	16.6

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2011-03-11_11-15-38.xad

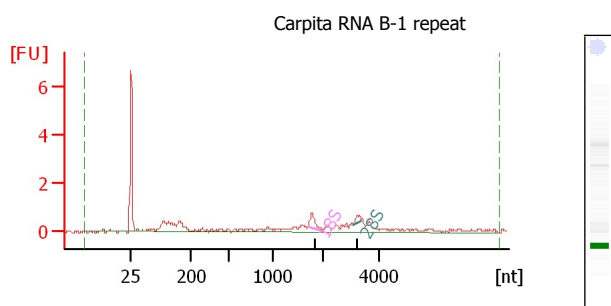
Created: 3/11/2011 11:15:38 AM
Modified: 3/11/2011 11:29:58 AM

Electropherogram Summary Continued ...**Overall Results for sample 4 : Carpita RNA A-10 repeat**

RNA Area: 126.9
RNA Concentration: 86 ng/μl
rRNA Ratio [28s / 18s]: 1.6
RNA Integrity Number (RIN): 8.4 (B.02.07)
Result Flagging Color:
Result Flagging Label: RIN: 8.40

Fragment table for sample 4 : Carpita RNA A-10 repeat

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,657	1,950	20.1	15.8
28S	2,791	3,655	32.2	25.3

**Overall Results for sample 5 : Carpita RNA B-1 repeat**

RNA Area: 17.0
RNA Concentration: 12 ng/μl
rRNA Ratio [28s / 18s]: 0.4
RNA Integrity Number (RIN): 6.2 (B.02.07)
Result Flagging Color:
Result Flagging Label: RIN: 6.20

Fragment table for sample 5 : Carpita RNA B-1 repeat

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,726	2,022	0.9	5.3
28S	3,083	3,359	0.3	2.0

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2011-03-11_11-15-38.xad

Created: 3/11/2011 11:15:38 AM
Modified: 3/11/2011 11:29:58 AM

Gel Image