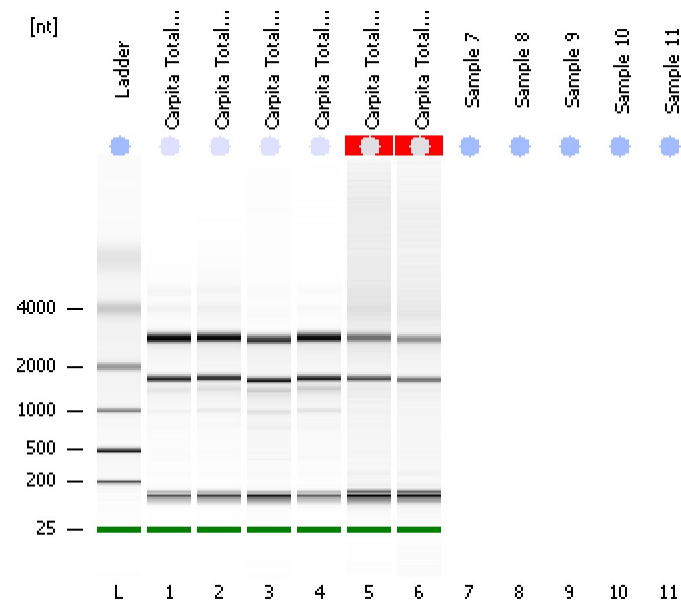


Assay Class: Eukaryote Total RNA Pico
Data Path: D:\...Eukaryote Total RNA Pico_DE24802235_2011-03-11_16-34-26.xad

Created: 3/11/2011 4:34:26 PM
Modified: 3/11/2011 4:50:22 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 Pico Series II.xsy

Assay Class: Eukaryote Total RNA Pico

Version: 2.6

Assay Comments: Total RNA Analysis pg sensitivity (Eukaryote)

© Copyright 2003 - 2009 Agilent Technologies, Inc.

Chip Information:

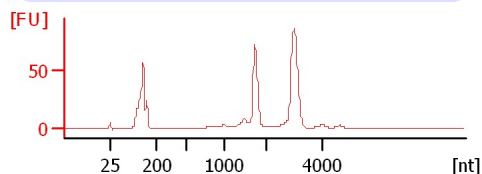
Chip Lot #:

Reagent Kit Lot #:

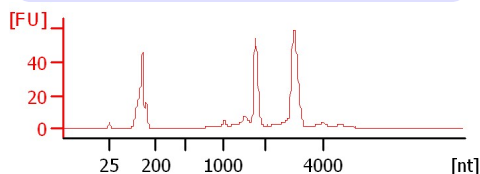
Chip Comments:

Carpita Total RNA A-3 repeat

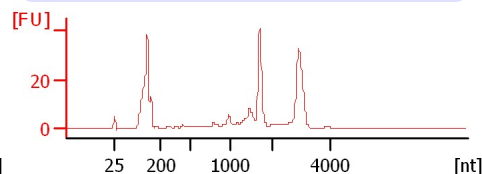
RIN: 9.20

**Carpita Total RNA A-5 repeat**

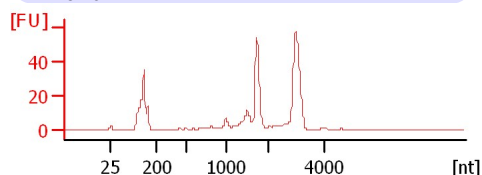
RIN: 8.80

**Carpita Total RNA A-9 repeat**

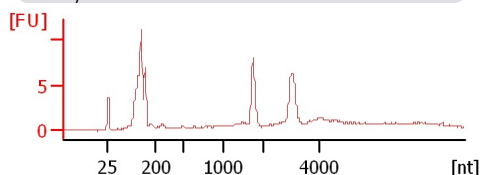
RIN: 7.90

**Carpita Total RNA A-10 repeat**

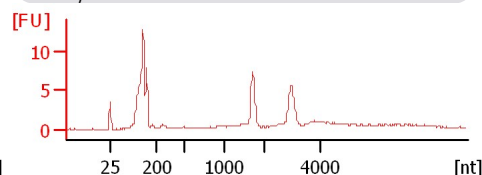
RIN: 8.40

**Carpita Total RNA A B-1 repeat**

RIN N/A

**Carpita Total RNA B-1 repeat**

RIN N/A



Assay Class: Eukaryote Total RNA Pico
Data Path: D:\...Eukaryote Total RNA Pico_DE24802235_2011-03-11_16-34-26.xad

Created: 3/11/2011 4:34:26 PM
Modified: 3/11/2011 4:50:22 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
Carpita Total RNA A-3 repeat		✓	RIN: 9.20	
Carpita Total RNA A-5 repeat		✓	RIN: 8.80	
Carpita Total RNA A-9 repeat		✓	RIN: 7.90	
Carpita Total RNA A-10 repeat		✓	RIN: 8.40	
Carpita Total RNA A B-1 repeat		✓	RIN N/A	
Carpita Total RNA B-1 repeat		✓	RIN N/A	
Sample 7				
Sample 8				
Sample 9				
Sample 10				
Sample 11				

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

Assay Class: Eukaryote Total RNA Pico
Data Path: D:\...\Eukaryote Total RNA Pico_DE24802235_2011-03-11_16-34-26.xad

Created: 3/11/2011 4:34:26 PM
Modified: 3/11/2011 4:50:22 PM

Electrophoresis Assay Details

General Analysis Settings

Number of Available Sample and Ladder Wells (Max.) : 12

Minimum Visible Range [s] : 17

Maximum Visible Range [s] : 70

Start Analysis Time Range [s] : 18

End Analysis Time Range [s] : 69

Ladder Concentration [pg/ μ l] : 1000

Lower Marker Concentration [pg/ μ l] : 0

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] : 18

Integration End Time [s] : 69

Slope Threshold : 0.6

Height Threshold [FU] : 0.5

Area Threshold : 0.2

Width Threshold [s] : 0.3

Baseline Plateau [s] : 6

Filter Settings

Filter Width [s] : 0.5

Polynomial Order : 4

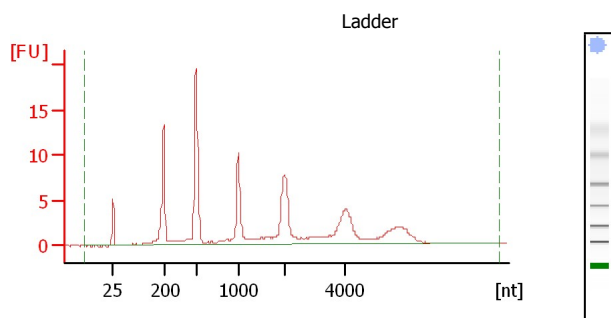
Ladder

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

Assay Class: Eukaryote Total RNA Pico
Data Path: D:\...Eukaryote Total RNA Pico_DE24802235_2011-03-11_16-34-26.xad

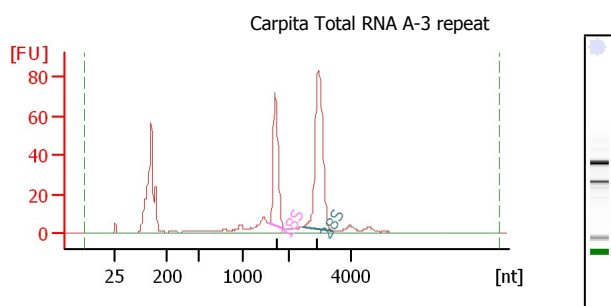
Created: 3/11/2011 4:34:26 PM
Modified: 3/11/2011 4:50:22 PM

Electropherogram Summary



Overall Results for Ladder

RNA Area: 127.2
RNA Concentration: 1,000 pg/ μ l
Result Flagging Color:
Result Flagging Label: All Other Samples



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

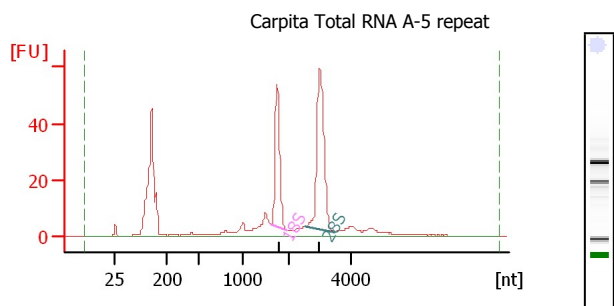
RNA Area: 602.6
RNA Concentration: 4,736 pg/ μ l
rRNA Ratio [28s / 18s]: 1.7
RNA Integrity Number (RIN): 9.2 (B.02.07)
Result Flagging Color:
Result Flagging Label: RIN: 9.20

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

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,596	1,923	107.1	17.8
28S	2,464	3,433	184.0	30.5

Assay Class: Eukaryote Total RNA Pico
Data Path: D:\...Eukaryote Total RNA Pico_DE24802235_2011-03-11_16-34-26.xad

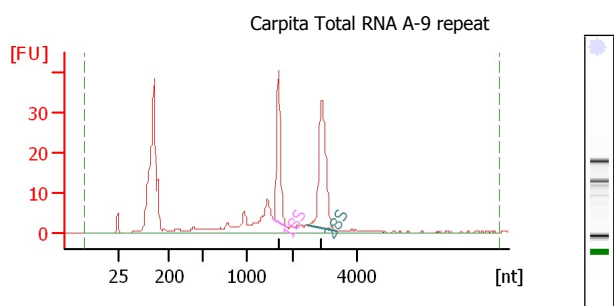
Created: 3/11/2011 4:34:26 PM
Modified: 3/11/2011 4:50:22 PM

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

RNA Area: 454.7
RNA Concentration: 3,574 pg/μl
rRNA Ratio [28s / 18s]: 1.6
RNA Integrity Number (RIN): 8.8 (B.02.07)
Result Flagging Color:
Result Flagging Label: RIN: 8.80

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

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,625	1,951	73.5	16.2
28S	2,492	3,459	120.2	26.4

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

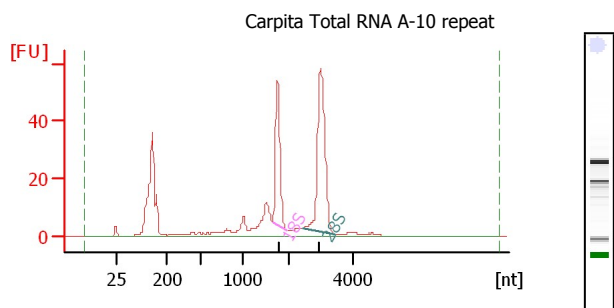
RNA Area: 313.9
RNA Concentration: 2,467 pg/μl
rRNA Ratio [28s / 18s]: 1.4
RNA Integrity Number (RIN): 7.9 (B.02.07)
Result Flagging Color:
Result Flagging Label: RIN: 7.90

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

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,589	1,876	45.9	14.6
28S	2,441	3,384	65.2	20.8

Assay Class: Eukaryote Total RNA Pico
Data Path: D:\...Eukaryote Total RNA Pico_DE24802235_2011-03-11_16-34-26.xad

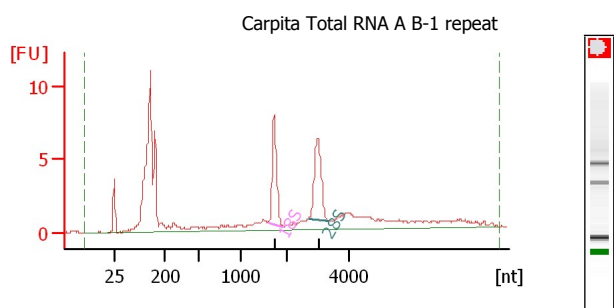
Created: 3/11/2011 4:34:26 PM
Modified: 3/11/2011 4:50:22 PM

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

RNA Area: 418.7
RNA Concentration: 3,291 pg/μl
rRNA Ratio [28s / 18s]: 1.7
RNA Integrity Number (RIN): 8.4 (B.02.07)
Result Flagging Color:
Result Flagging Label: RIN: 8.40

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

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,627	1,943	71.4	17.1
28S	2,412	3,444	123.2	29.4

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

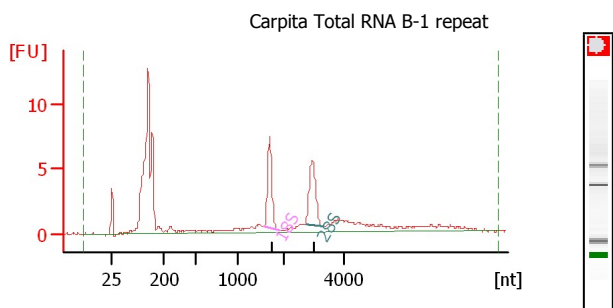
RNA Area: 101.5
RNA Concentration: 798 pg/μl
rRNA Ratio [28s / 18s]: 1.1
RNA Integrity Number (RIN): N/A (B.02.07)
Result Flagging Color:
Result Flagging Label: RIN N/A

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

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,611	1,930	10.5	10.3
28S	2,720	3,369	11.3	11.2

Assay Class: Eukaryote Total RNA Pico
Data Path: D:\...Eukaryote Total RNA Pico_DE24802235_2011-03-11_16-34-26.xad

Created: 3/11/2011 4:34:26 PM
Modified: 3/11/2011 4:50:22 PM

Electropherogram Summary Continued ...**Overall Results for sample 6 : Carpita Total RNA B-1 repeat**

RNA Area: 88.5
RNA Concentration: 696 pg/μl
rRNA Ratio [28s / 18s]: 1.0
RNA Integrity Number (RIN): N/A (B.02.07)
Result Flagging Color:
Result Flagging Label: RIN N/A

Fragment table for sample 6 : Carpita Total RNA B-1 repeat

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,577	1,908	9.7	11.0
28S	2,707	3,333	9.5	10.8

Assay Class: Eukaryote Total RNA Pico
Data Path: D:\...Eukaryote Total RNA Pico_DE24802235_2011-03-11_16-34-26.xad

Created: 3/11/2011 4:34:26 PM
Modified: 3/11/2011 4:50:22 PM

Gel Image