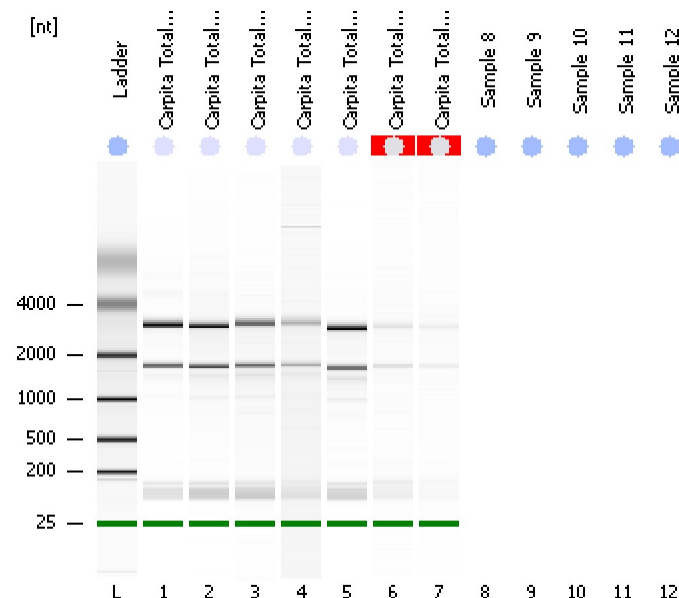


Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2011-03-11_15-37-16.xad

Created: 3/11/2011 3:37:16 PM
Modified: 3/11/2011 3:54:28 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:

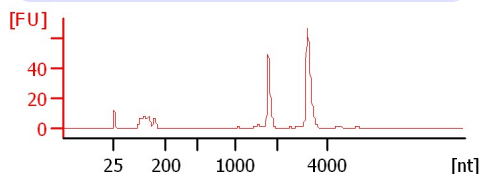
Chip Lot #:

Reagent Kit Lot #:

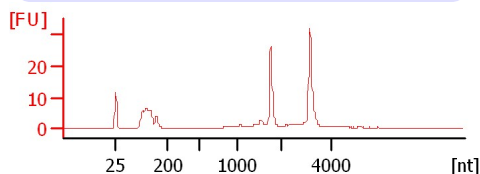
Chip Comments:

Carpita Total RNA A-3 2ul repeat

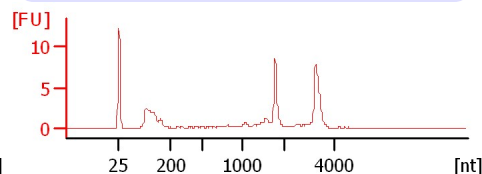
RIN: 9.90

**Carpita Total RNA A-5 2ul repeat**

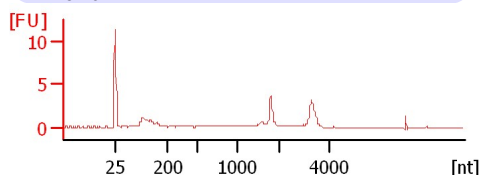
RIN: 8.60

**Carpita Total RNA A-9 2ul repeat**

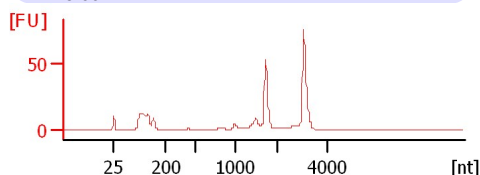
RIN: 8.30

**Carpita Total RNA A-9 1ul repeat**

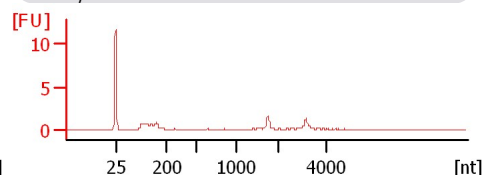
RIN: 8.40

**Carpita Total RNA A-10 2ul repeat**

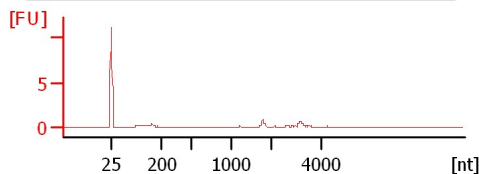
RIN: 8.60

**Carpita Total RNA B-1 2ul repeat**

RIN N/A

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

RIN N/A



Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2011-03-11_15-37-16.xad

Created: 3/11/2011 3:37:16 PM
Modified: 3/11/2011 3:54:28 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
Carpita Total RNA A-3 2ul repeat		✓	RIN: 9.90	
Carpita Total RNA A-5 2ul repeat		✓	RIN: 8.60	
Carpita Total RNA A-9 2ul repeat		✓	RIN: 8.30	
Carpita Total RNA A-9 1ul repeat		✓	RIN: 8.40	
Carpita Total RNA A-10 2ul repeat		✓	RIN: 8.60	
Carpita Total RNA B-1 2ul repeat		✓	RIN N/A	
Carpita Total RNA B-1 1ul repeat		✓	RIN N/A	
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_15-37-16.xad

Created: 3/11/2011 3:37:16 PM
Modified: 3/11/2011 3:54:28 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

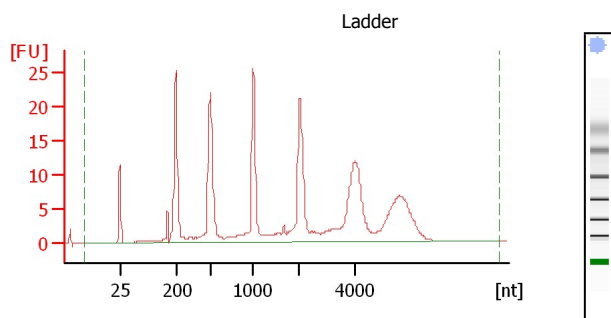
Ladder

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_2011-03-11_15-37-16.xad

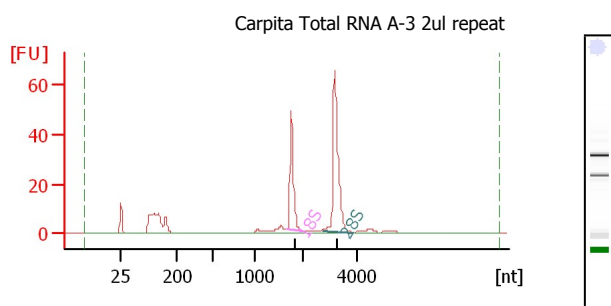
Created: 3/11/2011 3:37:16 PM
Modified: 3/11/2011 3:54:28 PM

Electropherogram Summary



Overall Results for Ladder

RNA Area: 289.0
RNA Concentration: 150 ng/μl
Result Flagging Color:
Result Flagging Label: All Other Samples



Overall Results for sample 1 : Carpita Total RNA A-3 2ul repeat

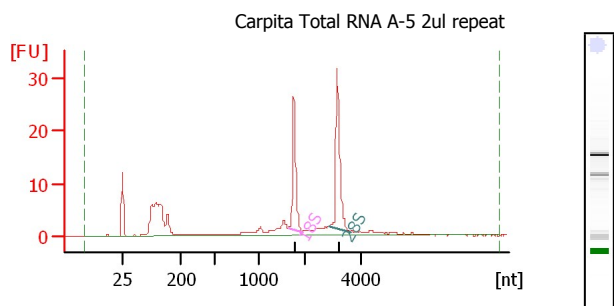
RNA Area: 251.3
RNA Concentration: 130 ng/μl
rRNA Ratio [28s / 18s]: 1.8
RNA Integrity Number (RIN): 9.9 (B.02.07)
Result Flagging Color:
Result Flagging Label: RIN: 9.90

Fragment table for sample 1 : Carpita Total RNA A-3 2ul repeat

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,662	2,019	50.9	20.2
28S	2,747	3,855	91.5	36.4

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2011-03-11_15-37-16.xad

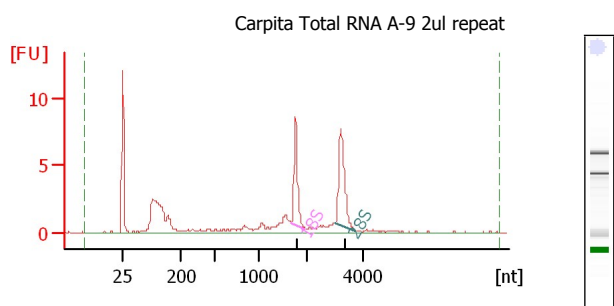
Created: 3/11/2011 3:37:16 PM
Modified: 3/11/2011 3:54:28 PM

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

RNA Area: 151.3
RNA Concentration: 79 ng/μl
rRNA Ratio [28s / 18s]: 1.4
RNA Integrity Number (RIN): 8.6 (B.02.07)
Result Flagging Color:
Result Flagging Label: RIN: 8.60

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

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,633	1,934	23.4	15.5
28S	2,852	3,604	32.5	21.5

**Overall Results for sample 3 : Carpita Total RNA A-9 2ul repeat**

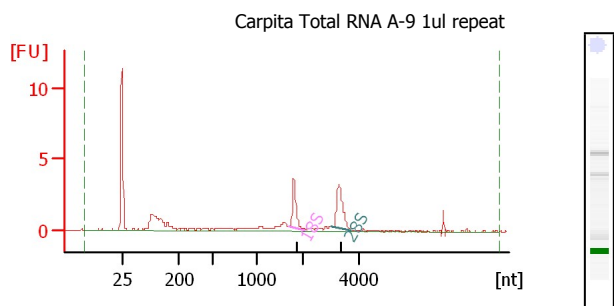
RNA Area: 57.5
RNA Concentration: 30 ng/μl
rRNA Ratio [28s / 18s]: 1.5
RNA Integrity Number (RIN): 8.3 (B.02.07)
Result Flagging Color:
Result Flagging Label: RIN: 8.30

Fragment table for sample 3 : Carpita Total RNA A-9 2ul repeat

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,687	1,980	7.8	13.6
28S	3,032	3,722	11.5	20.0

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2011-03-11_15-37-16.xad

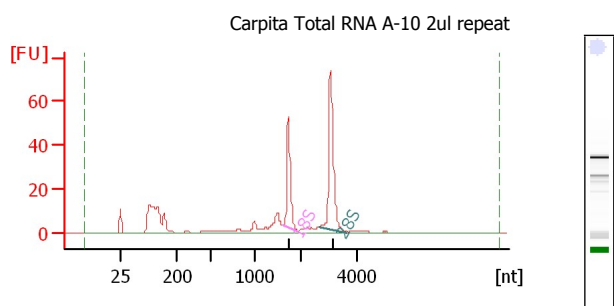
Created: 3/11/2011 3:37:16 PM
Modified: 3/11/2011 3:54:28 PM

Electropherogram Summary Continued ...**Overall Results for sample 4 :** Carpita Total RNA A-9 1ul repeat

RNA Area: 26.4
RNA Concentration: 14 ng/μl
rRNA Ratio [28s / 18s]: 1.5
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-9 1ul repeat

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,683	2,037	3.5	13.2
28S	3,004	3,729	5.1	19.4

**Overall Results for sample 5 :** Carpita Total RNA A-10 2ul repeat

RNA Area: 336.0
RNA Concentration: 174 ng/μl
rRNA Ratio [28s / 18s]: 1.6
RNA Integrity Number (RIN): 8.6 (B.02.07)
Result Flagging Color:
Result Flagging Label: RIN: 8.60

Fragment table for sample 5 : Carpita Total RNA A-10 2ul repeat

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,606	1,920	56.0	16.7
28S	2,641	3,644	91.2	27.1

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2011-03-11_15-37-16.xad

Created: 3/11/2011 3:37:16 PM
Modified: 3/11/2011 3:54:28 PM

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