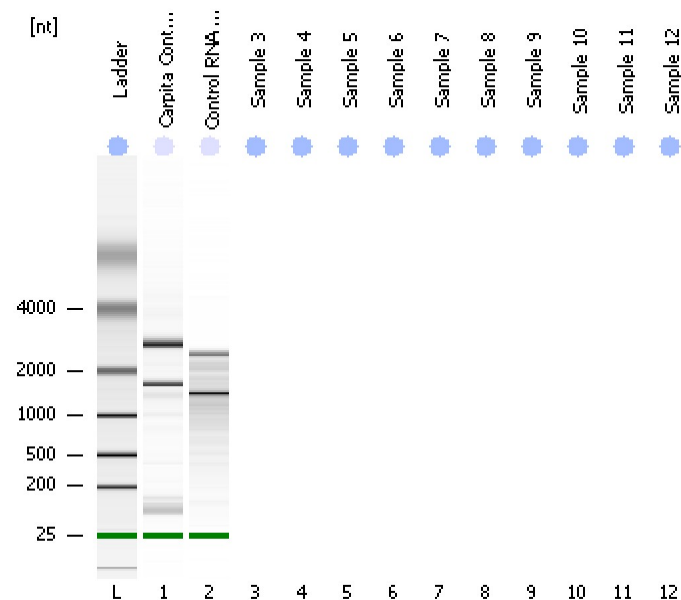


Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2011-04-25_18-34-53.xad

Created: 4/25/2011 6:34:53 PM
Modified: 4/26/2011 11:20:52 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)

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Chip Information:

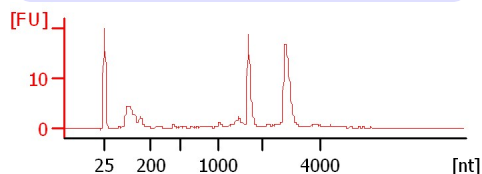
Chip Lot #:

Reagent Kit Lot #:

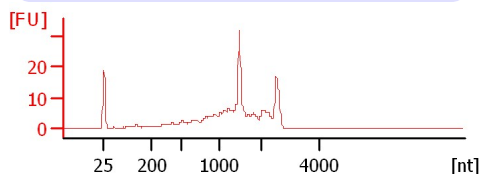
Chip Comments:

Carpita Control RNA

RIN: 8.90

**Control RNA form RiboGreen kit**

RIN: 6.50



Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2011-04-25_18-34-53.xad

Created: 4/25/2011 6:34:53 PM
Modified: 4/26/2011 11:20:52 AM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
Carpita Control RNA		✓	RIN: 8.90	
Control RNA form		✓	RIN: 6.50	
RiboGreen kit				
Sample 3				
Sample 4				
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_2011-04-25_18-34-53.xad

Created: 4/25/2011 6:34:53 PM
Modified: 4/26/2011 11:20:52 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/ 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

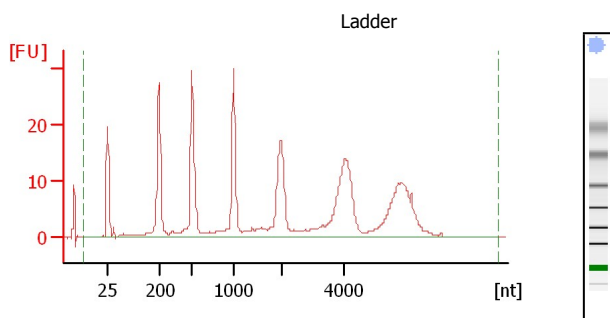
Ladder

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_2011-04-25_18-34-53.xad

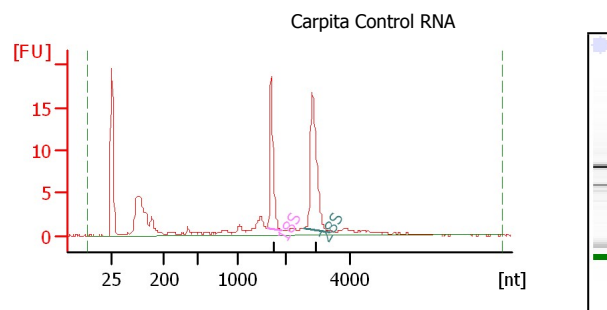
Created: 4/25/2011 6:34:53 PM
 Modified: 4/26/2011 11:20:52 AM

Electropherogram Summary



Overall Results for Ladder

RNA Area: 343.8
 RNA Concentration: 150 ng/μl
 Result Flagging Color:
 Result Flagging Label: All Other Samples

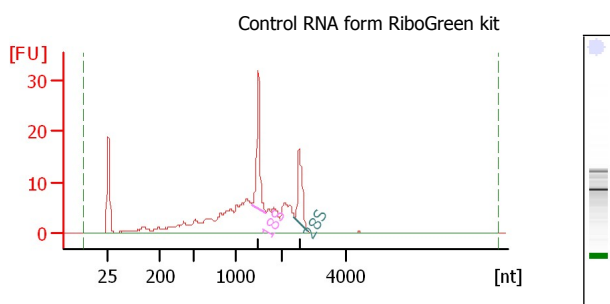


Overall Results for sample 1 : Carpita Control RNA

RNA Area: 114.1
 RNA Concentration: 50 ng/μl
 rRNA Ratio [28s / 18s]: 1.6
 RNA Integrity Number (RIN): 8.9 (B.02.07)
 Result Flagging Color:
 Result Flagging Label: RIN: 8.90

Fragment table for sample 1 : Carpita Control RNA

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,603	1,894	18.6	16.3
28S	2,578	3,392	30.0	26.3



Overall Results for sample 2 : Control RNA form RiboGreen kit

RNA Area: 211.2
 RNA Concentration: 92 ng/μl
 rRNA Ratio [28s / 18s]: 0.7
 RNA Integrity Number (RIN): 6.5 (B.02.07)
 Result Flagging Color:
 Result Flagging Label: RIN: 6.50

Fragment table for sample 2 : Control RNA form RiboGreen kit

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,349	1,648	26.5	12.5
28S	2,368	2,800	19.0	9.0

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2011-04-25_18-34-53.xad

Created: 4/25/2011 6:34:53 PM
Modified: 4/26/2011 11:20:52 AM

Gel Image