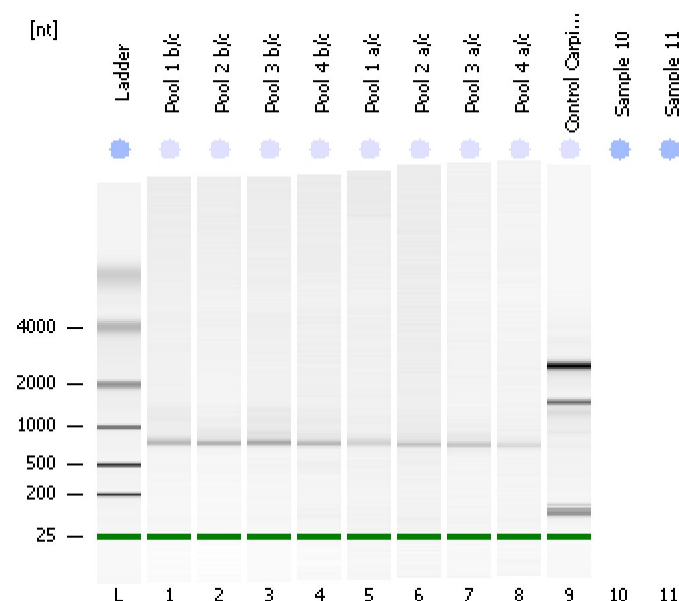


Assay Class: Eukaryote Total RNA Pico
Data Path: D:\...Eukaryote Total RNA Pico_DE24802235_2011-09-27_16-18-13.xad

Created: 9/27/2011 4:18:12 PM
Modified: 9/27/2011 4:38:25 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 Pico Series II.xsy

Assay Class: Eukaryote Total RNA Pico

Version: 2.6

Assay Comments: Total RNA Analysis pg sensitivity (Eukaryote)

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Chip Information:

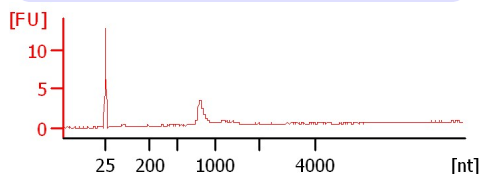
Chip Lot #:

Reagent Kit Lot #:

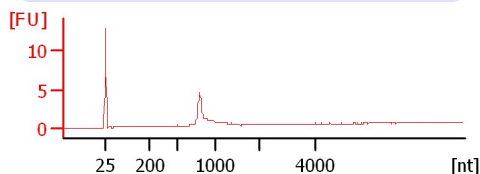
Chip Comments:

Pool 1 b/c

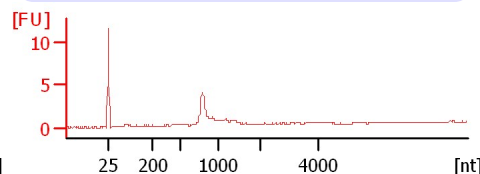
RIN: 2.20

**Pool 2 b/c**

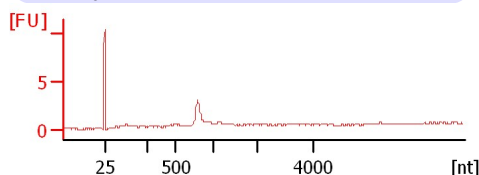
RIN: 2.30

**Pool 3 b/c**

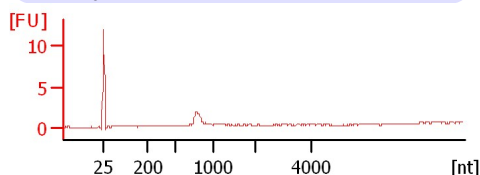
RIN: 2.30

**Pool 4 b/c**

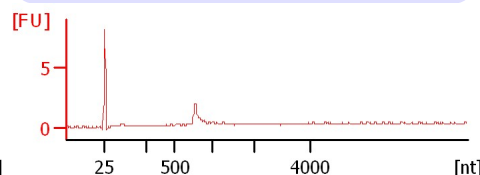
RIN: 2.20

**Pool 1 a/c**

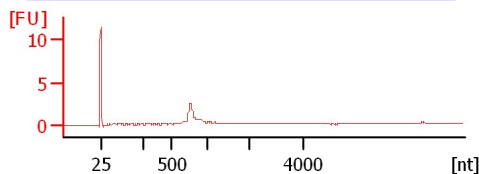
RIN: 1.40

**Pool 2 a/c**

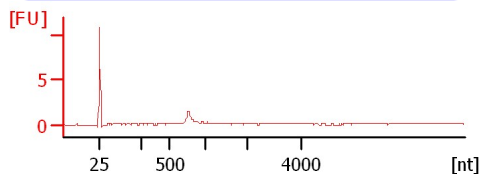
RIN: 2

**Pool 3 a/c**

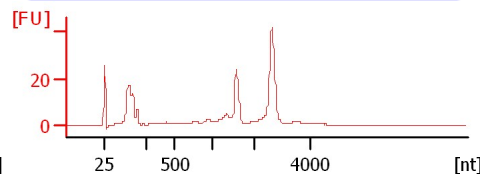
RIN: 2

**Pool 4 a/c**

RIN: 1.40

**Control Carpita 400x dil**

RIN: 8.70



Assay Class: Eukaryote Total RNA Pico
Data Path: D:\...Eukaryote Total RNA Pico_DE24802235_2011-09-27_16-18-13.xad

Created: 9/27/2011 4:18:12 PM
Modified: 9/27/2011 4:38:25 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
Pool 1 b/c		✓	RIN: 2.20	
Pool 2 b/c		✓	RIN: 2.30	
Pool 3 b/c		✓	RIN: 2.30	
Pool 4 b/c		✓	RIN: 2.20	
Pool 1 a/c		✓	RIN: 1.40	
Pool 2 a/c		✓	RIN:2	
Pool 3 a/c		✓	RIN:2	
Pool 4 a/c		✓	RIN: 1.40	
Control Carpita 400x dil)		✓	RIN: 8.70	
Sample 10				
Sample 11				
Ladder		✓	All Other Samples	

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

Assay Class: Eukaryote Total RNA Pico
Data Path: D:\...\Eukaryote Total RNA Pico_DE24802235_2011-09-27_16-18-13.xad

Created: 9/27/2011 4:18:12 PM
Modified: 9/27/2011 4:38:25 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

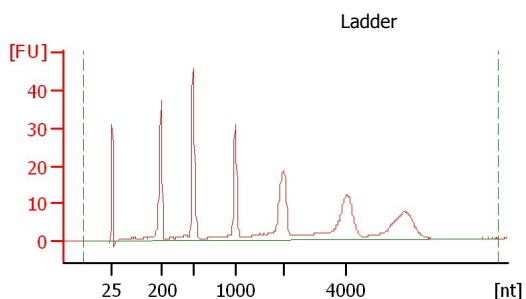
Ladder

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_2011-09-27_16-18-13.xad

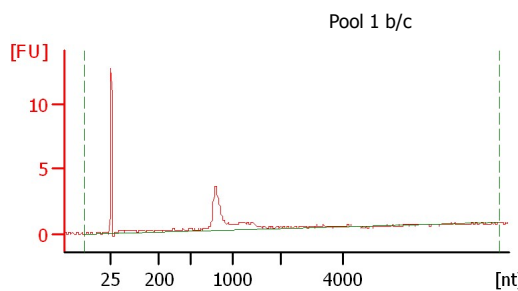
Created: 9/27/2011 4:18:12 PM
Modified: 9/27/2011 4:38:25 PM

Electropherogram Summary



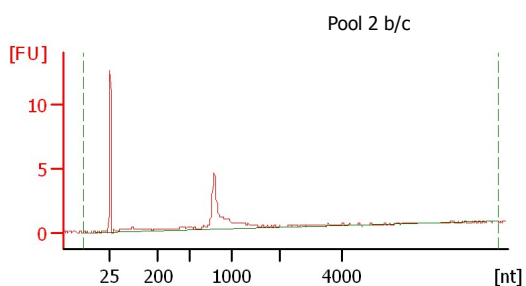
Overall Results for Ladder

RNA Area: 328.0
RNA Concentration: 1,000 pg/μl
Result Flagging Color:
Result Flagging Label: All Other Samples



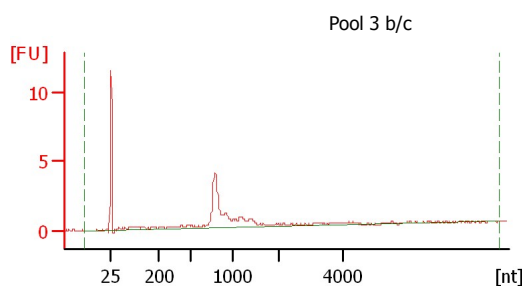
Overall Results for sample 1 : Pool 1 b/c

RNA Area: 21.8
RNA Concentration: 67 pg/μl
rRNA Ratio [28s / 18s]: 0.0
RNA Integrity Number (RIN): 2.2 (B.02.08)
Result Flagging Color:
Result Flagging Label: RIN: 2.20



Overall Results for sample 2 : Pool 2 b/c

RNA Area: 28.3
RNA Concentration: 86 pg/μl
rRNA Ratio [28s / 18s]: 0.0
RNA Integrity Number (RIN): 2.3 (B.02.08)
Result Flagging Color:
Result Flagging Label: RIN: 2.30

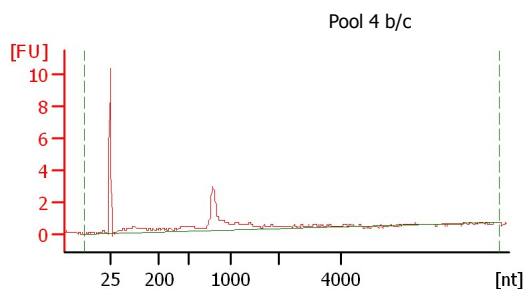


Overall Results for sample 3 : Pool 3 b/c

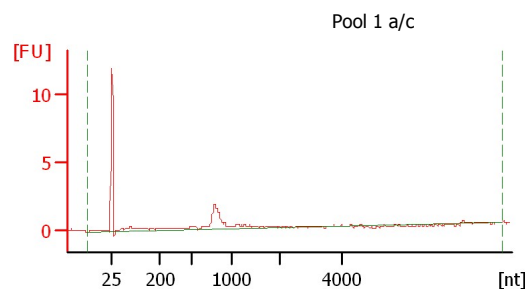
RNA Area: 26.0
RNA Concentration: 79 pg/μl
rRNA Ratio [28s / 18s]: 0.0
RNA Integrity Number (RIN): 2.3 (B.02.08)
Result Flagging Color:
Result Flagging Label: RIN: 2.30

Assay Class: Eukaryote Total RNA Pico
Data Path: D:\...Eukaryote Total RNA Pico_DE24802235_2011-09-27_16-18-13.xad

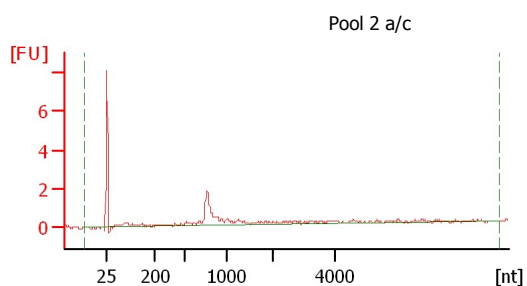
Created: 9/27/2011 4:18:12 PM
Modified: 9/27/2011 4:38:25 PM

Electropherogram Summary Continued ...**Overall Results for sample 4 : Pool 4 b/c**

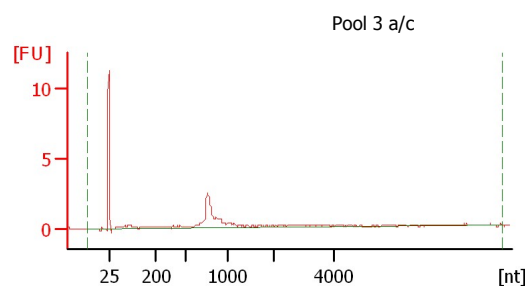
RNA Area: 25.3
RNA Concentration: 77 pg/μl
rRNA Ratio [28s / 18s]: 0.0
RNA Integrity Number (RIN): 2.2 (B.02.08)
Result Flagging Color:
Result Flagging Label: RIN: 2.20

**Overall Results for sample 5 : Pool 1 a/c**

RNA Area: 13.4
RNA Concentration: 41 pg/μl
rRNA Ratio [28s / 18s]: 0.0
RNA Integrity Number (RIN): 1.4 (B.02.08)
Result Flagging Color:
Result Flagging Label: RIN: 1.40

**Overall Results for sample 6 : Pool 2 a/c**

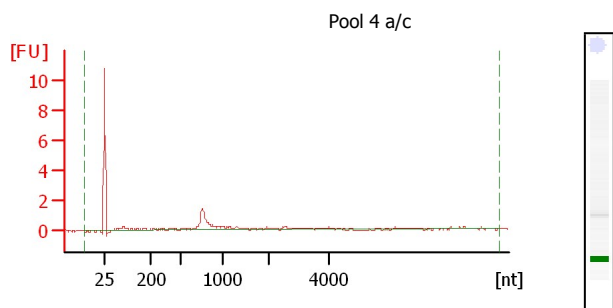
RNA Area: 12.6
RNA Concentration: 38 pg/μl
rRNA Ratio [28s / 18s]: 0.0
RNA Integrity Number (RIN): 2 (B.02.08)
Result Flagging Color:
Result Flagging Label: RIN:2

**Overall Results for sample 7 : Pool 3 a/c**

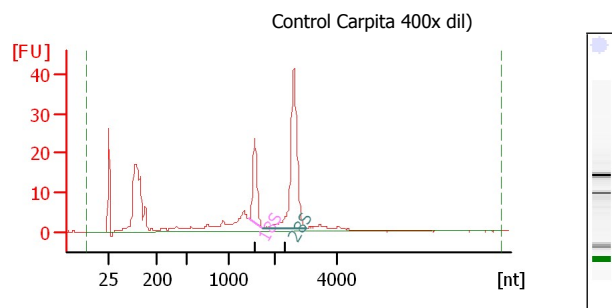
RNA Area: 17.0
RNA Concentration: 52 pg/μl
rRNA Ratio [28s / 18s]: 0.0
RNA Integrity Number (RIN): 2 (B.02.08)
Result Flagging Color:
Result Flagging Label: RIN:2

Assay Class: Eukaryote Total RNA Pico
Data Path: D:\...Eukaryote Total RNA Pico_DE24802235_2011-09-27_16-18-13.xad

Created: 9/27/2011 4:18:12 PM
Modified: 9/27/2011 4:38:25 PM

Electropherogram Summary Continued ...**Overall Results for sample 8 : Pool 4 a/c**

RNA Area: 12.9
RNA Concentration: 39 pg/μl
rRNA Ratio [28s / 18s]: 0.0
RNA Integrity Number (RIN): 1.4 (B.02.08)
Result Flagging Color:
Result Flagging Label: RIN: 1.40

**Overall Results for sample 9 : Control Carpita 400x dil)**

RNA Area: 277.1
RNA Concentration: 845 pg/μl
rRNA Ratio [28s / 18s]: 2.7
RNA Integrity Number (RIN): 8.7 (B.02.08)
Result Flagging Color:
Result Flagging Label: RIN: 8.70

Fragment table for sample 9 : Control Carpita 400x dil)

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,454	1,742	31.9	11.5
28S	1,760	3,017	85.0	30.7

Assay Class: Eukaryote Total RNA Pico
Data Path: D:\...Eukaryote Total RNA Pico_DE24802235_2011-09-27_16-18-13.xad

Created: 9/27/2011 4:18:12 PM
Modified: 9/27/2011 4:38:25 PM

Gel Image