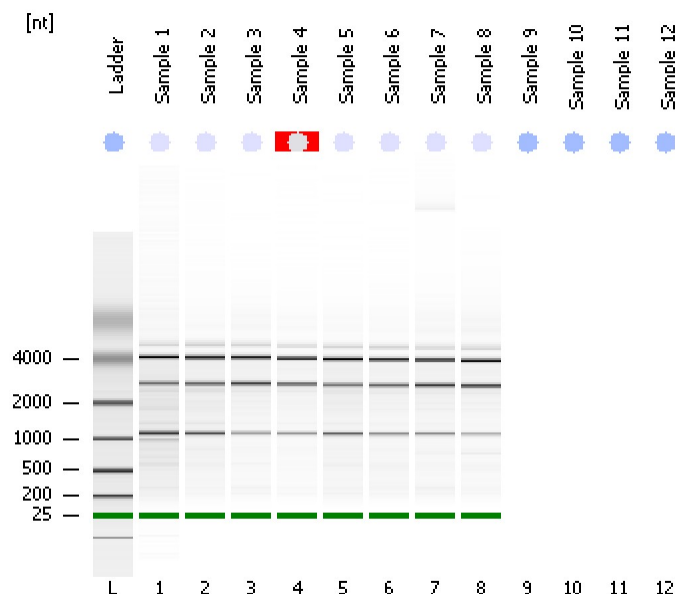


Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2011-10-25_17-26-57.xad

Created: 10/25/2011 5:26:56 PM
Modified: 10/25/2011 5:45:29 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:

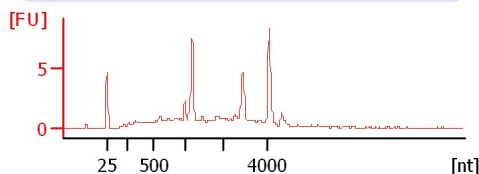
Chip Lot #:

Reagent Kit Lot #:

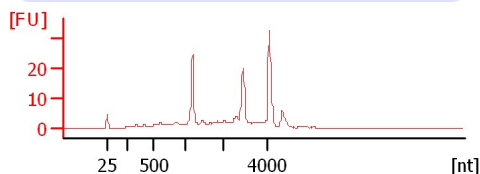
Chip Comments:

Sample 1

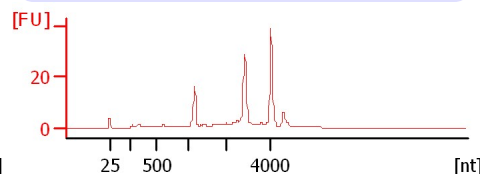
RIN: 5.30

**Sample 2**

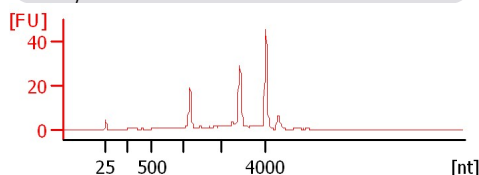
RIN: 5.20

**Sample 3**

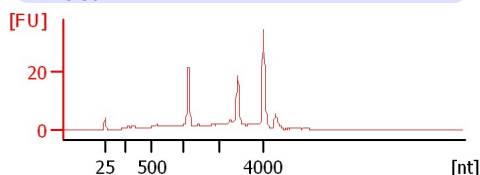
RIN: 5.60

**Sample 4**

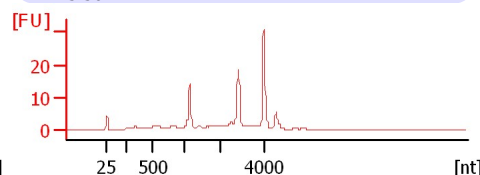
RIN N/A

**Sample 5**

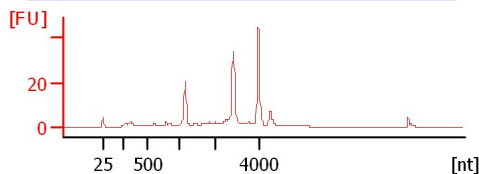
RIN: 5.30

**Sample 6**

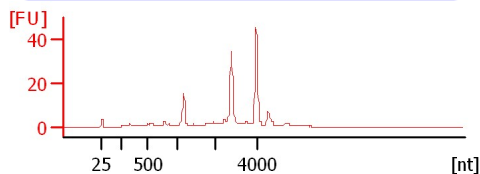
RIN: 5.50

**Sample 7**

RIN: 5.30

**Sample 8**

RIN: 5.40



Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2011-10-25_17-26-57.xad

Created: 10/25/2011 5:26:56 PM
Modified: 10/25/2011 5:45:29 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
Sample 1		✓	RIN: 5.30	
Sample 2		✓	RIN: 5.20	
Sample 3		✓	RIN: 5.60	
Sample 4		✓	RIN N/A	
Sample 5		✓	RIN: 5.30	
Sample 6		✓	RIN: 5.50	
Sample 7		✓	RIN: 5.30	
Sample 8		✓	RIN: 5.40	
Sample 9				
Sample 10				
Sample 11				
Sample 12				
Ladder		✓	All Other Samples	

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

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...\Eukaryote Total RNA Nano_DE24802235_2011-10-25_17-26-57.xad

Created: 10/25/2011 5:26:56 PM
Modified: 10/25/2011 5:45:29 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

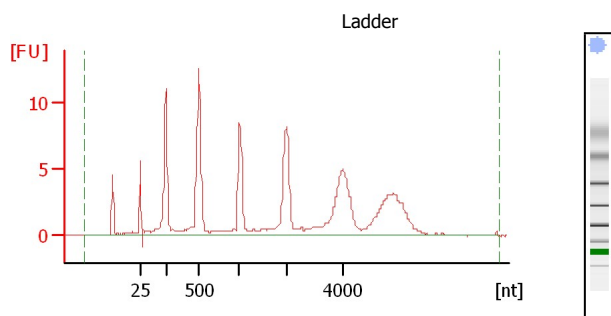
Ladder

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_2011-10-25_17-26-57.xad

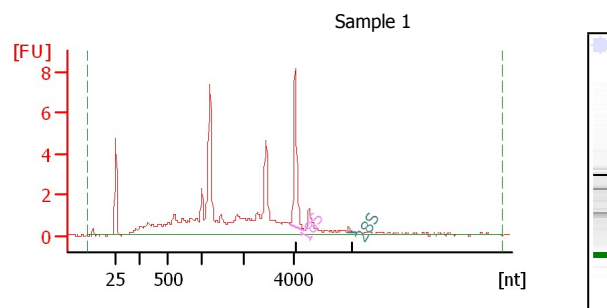
Created: 10/25/2011 5:26:56 PM
Modified: 10/25/2011 5:45:29 PM

Electropherogram Summary



Overall Results for Ladder

RNA Area: 132.1
RNA Concentration: 150 ng/μl
Result Flagging Color:
Result Flagging Label: All Other Samples

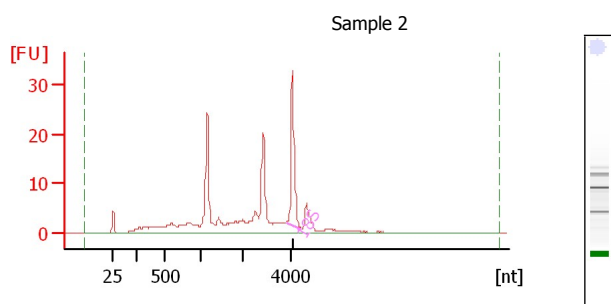


Overall Results for sample 1 : Sample 1

RNA Area: 65.6
RNA Concentration: 74 ng/μl
rRNA Ratio [28s / 18s]: 0.0
RNA Integrity Number (RIN): 5.3 (B.02.08)
Result Flagging Color:
Result Flagging Label: RIN: 5.30

Fragment table for sample 1 : Sample 1

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	3,843	4,479	7.4	11.2
28S	6,230	6,608	0.2	0.3

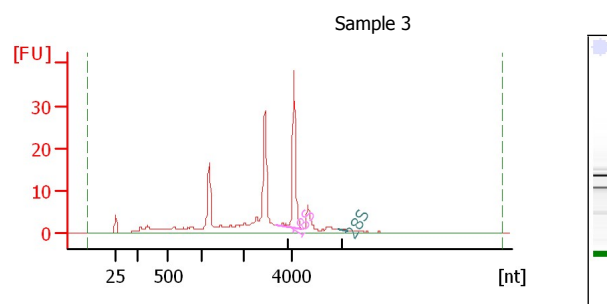


Overall Results for sample 2 : Sample 2

RNA Area: 206.4
RNA Concentration: 234 ng/μl
rRNA Ratio [28s / 18s]: 0.0
RNA Integrity Number (RIN): 5.2 (B.02.08)
Result Flagging Color:
Result Flagging Label: RIN: 5.20

Fragment table for sample 2 : Sample 2

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	3,811	4,428	31.5	15.3



Overall Results for sample 3 : Sample 3

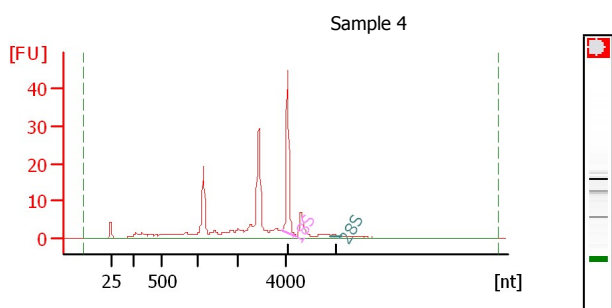
RNA Area: 195.1
RNA Concentration: 221 ng/μl
rRNA Ratio [28s / 18s]: 0.0
RNA Integrity Number (RIN): 5.6 (B.02.08)
Result Flagging Color:
Result Flagging Label: RIN: 5.60

Fragment table for sample 3 : Sample 3

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	3,291	4,410	37.3	19.1
28S	5,838	6,268	0.5	0.2

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2011-10-25_17-26-57.xad

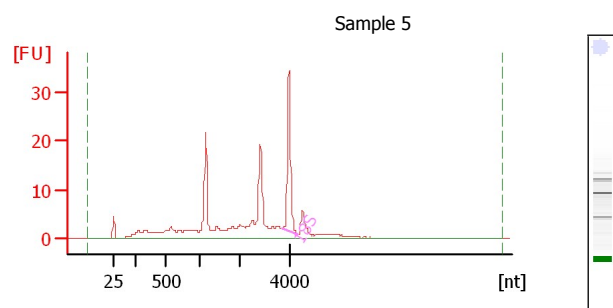
Created: 10/25/2011 5:26:56 PM
Modified: 10/25/2011 5:45:29 PM

Electropherogram Summary Continued ...**Overall Results for sample 4 :** Sample 4

RNA Area: 192.5
RNA Concentration: 219 ng/μl
rRNA Ratio [28s / 18s]: 0.0
RNA Integrity Number (RIN): N/A (B.02.08)
Result Flagging Color:
Result Flagging Label: RIN N/A

Fragment table for sample 4 : Sample 4

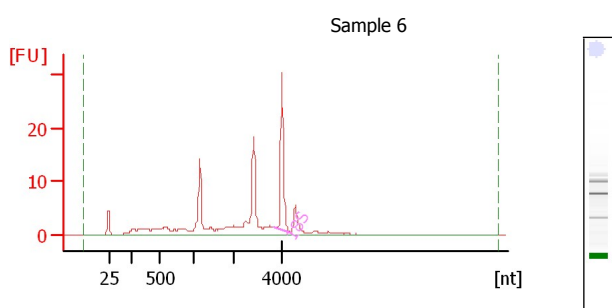
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	3,769	4,391	38.2	19.9
28S	5,809	6,293	0.5	0.3

**Overall Results for sample 5 :** Sample 5

RNA Area: 193.5
RNA Concentration: 220 ng/μl
rRNA Ratio [28s / 18s]: 0.0
RNA Integrity Number (RIN): 5.3 (B.02.08)
Result Flagging Color:
Result Flagging Label: RIN: 5.30

Fragment table for sample 5 : Sample 5

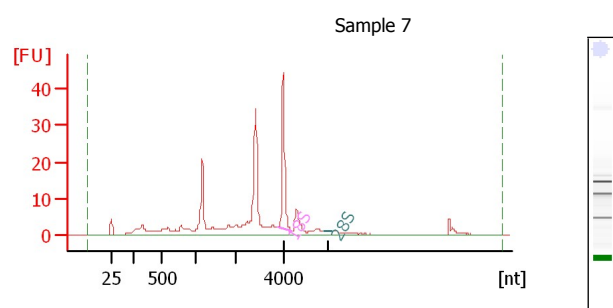
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	3,731	4,338	30.8	15.9

**Overall Results for sample 6 :** Sample 6

RNA Area: 148.4
RNA Concentration: 168 ng/μl
rRNA Ratio [28s / 18s]: 0.0
RNA Integrity Number (RIN): 5.5 (B.02.08)
Result Flagging Color:
Result Flagging Label: RIN: 5.50

Fragment table for sample 6 : Sample 6

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	3,655	4,354	26.1	17.6

**Overall Results for sample 7 :** Sample 7

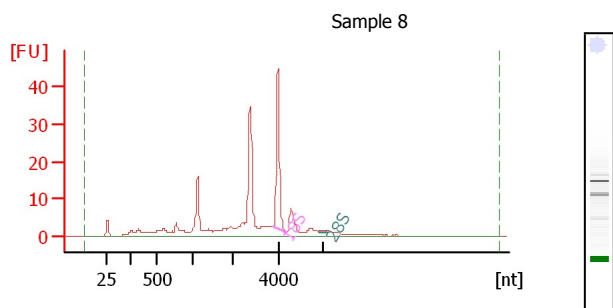
RNA Area: 229.0
RNA Concentration: 260 ng/μl
rRNA Ratio [28s / 18s]: 0.0
RNA Integrity Number (RIN): 5.3 (B.02.08)
Result Flagging Color:
Result Flagging Label: RIN: 5.30

Fragment table for sample 7 : Sample 7

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	3,719	4,335	38.4	16.8
28S	5,654	5,971	0.2	0.1

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2011-10-25_17-26-57.xad

Created: 10/25/2011 5:26:56 PM
Modified: 10/25/2011 5:45:29 PM

Electropherogram Summary Continued ...**Overall Results for sample 8 : Sample 8**

RNA Area: 225.3
RNA Concentration: 256 ng/μl
rRNA Ratio [28s / 18s]: 0.0
RNA Integrity Number (RIN): 5.4 (B.02.08)
Result Flagging Color:
Result Flagging Label: RIN: 5.40

Fragment table for sample 8 : Sample 8

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	3,732	4,298	39.5	17.5
28S	5,623	5,977	0.4	0.2

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2011-10-25_17-26-57.xad

Created: 10/25/2011 5:26:56 PM
Modified: 10/25/2011 5:45:29 PM

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