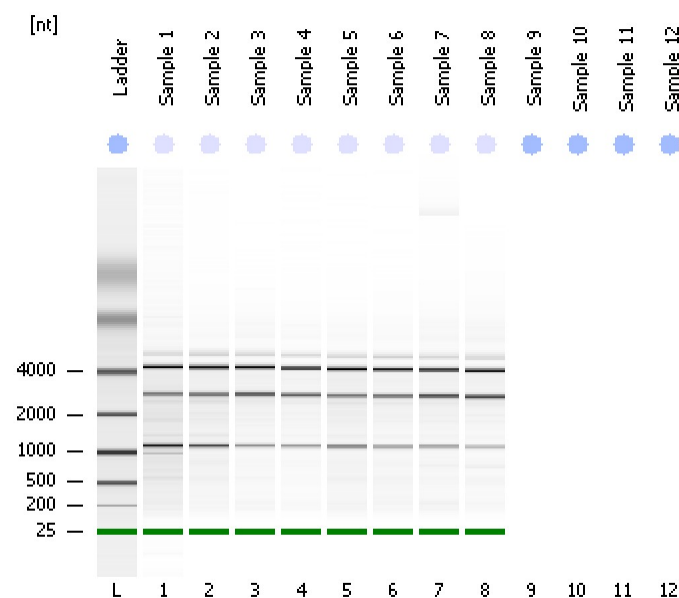


Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2011-10-25_17-26-57.xad

Created: 10/25/2011 5:26:56 PM
Modified: 10/27/2011 10:45:46 AM

Electrophoresis File Run Summary



Instrument 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:

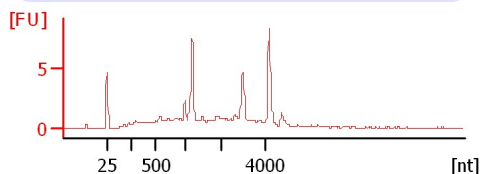
Chip Lot #:

Reagent Kit Lot #:

Chip Comments:

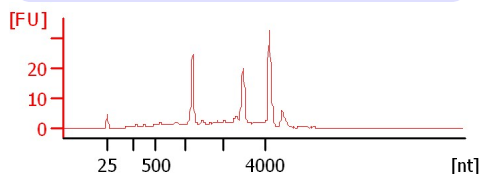
Sample 1

RIN: 5.30



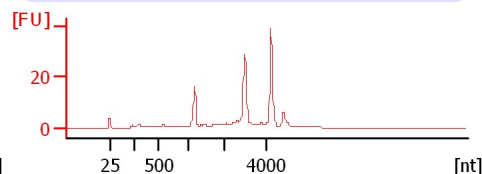
Sample 2

RIN: 5.20



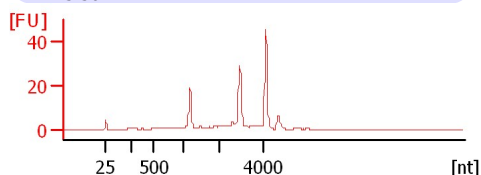
Sample 3

RIN: 5.60



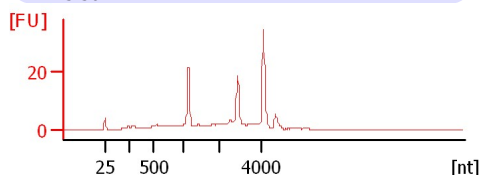
Sample 4

RIN: 5.50



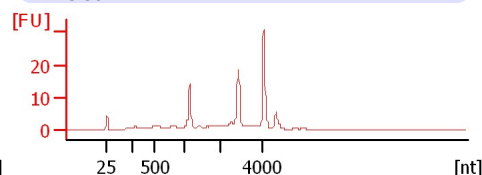
Sample 5

RIN: 5.30



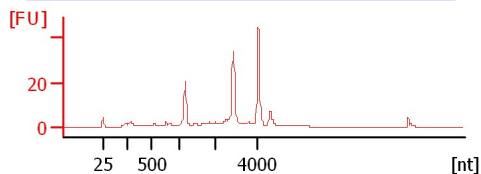
Sample 6

RIN: 5.50



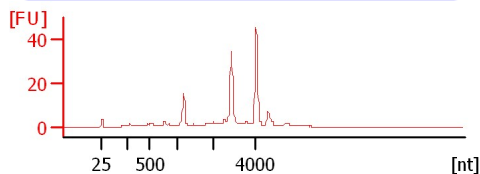
Sample 7

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: 10/27/2011 10:45:46 AM

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: 5.50	
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: 10/27/2011 10:45:46 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/μl] : 150

Lower Marker Concentration [ng/μl] : 0

Upper Marker Concentration [ng/μl] : 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

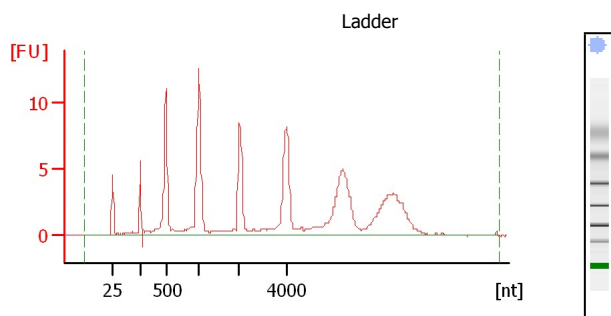
Ladder

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

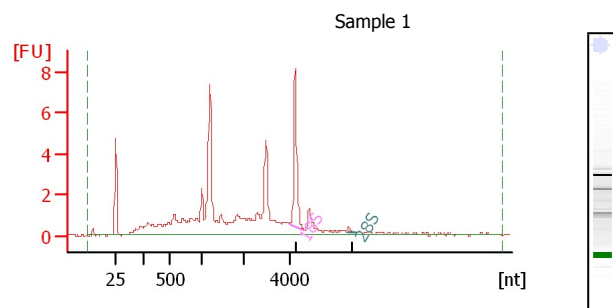
Created: 10/25/2011 5:26:56 PM
 Modified: 10/27/2011 10:45:46 AM

Electropherogram Summary



Overall Results for Ladder

RNA Area: 131.2
 RNA Concentration: 150 ng/μl
 Result Flagging Color:
 Result Flagging Label: All Other Samples

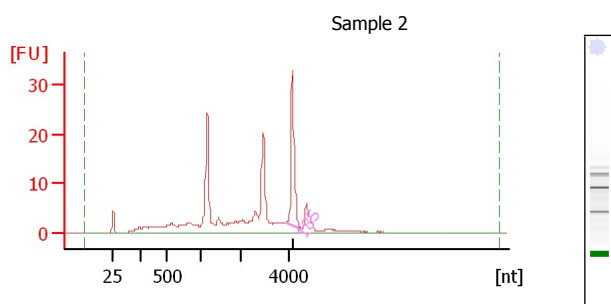


Overall Results for sample 1 : Sample 1

RNA Area: 65.6
 RNA Concentration: 75 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	3,948	4,602	7.4	11.2
28S	6,403	6,791	0.2	0.3

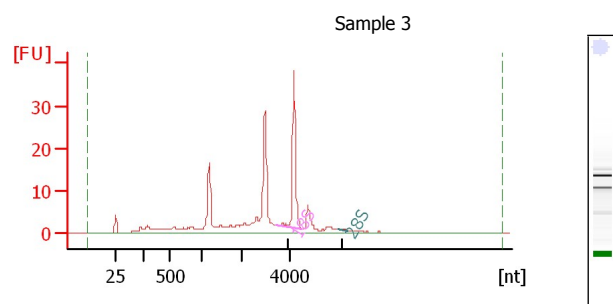


Overall Results for sample 2 : Sample 2

RNA Area: 206.4
 RNA Concentration: 236 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	3,915	4,549	31.5	15.3



Overall Results for sample 3 : Sample 3

RNA Area: 195.1
 RNA Concentration: 223 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

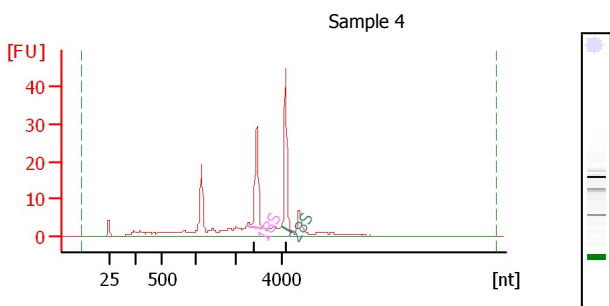
Fragment table for sample 3 : Sample 3

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	3,380	4,530	37.3	19.1
28S	5,999	6,442	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: 10/27/2011 10:45:46 AM

Electropherogram Summary Continued ...

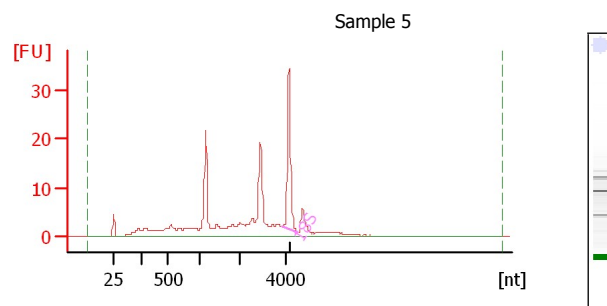


Overall Results for sample 4 : Sample 4

RNA Area: 192.5
 RNA Concentration: 220 ng/μl
 rRNA Ratio [28s / 18s]: 0.0
 RNA Integrity Number (RIN): 5.5 (B.02.08, Anomaly Threshold(s) manually adapted)
 Result Flagging Color:
 Result Flagging Label: RIN: 5.50

Fragment table for sample 4 : Sample 4

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	2,518	3,151	30.9	16.0
28S	3,987	4,416	36.8	19.1

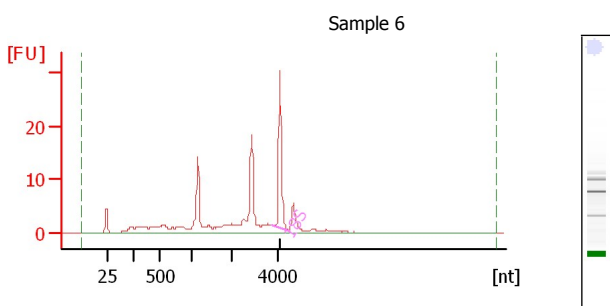


Overall Results for sample 5 : Sample 5

RNA Area: 193.5
 RNA Concentration: 221 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	3,832	4,457	30.8	15.9

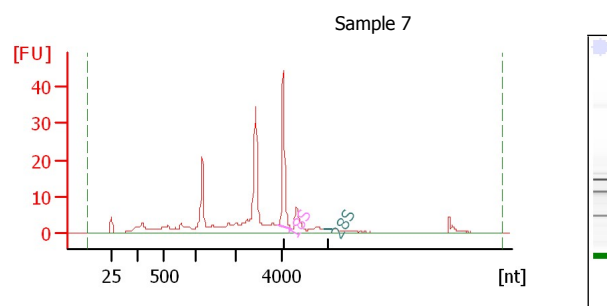


Overall Results for sample 6 : Sample 6

RNA Area: 148.4
 RNA Concentration: 170 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	3,754	4,473	26.1	17.6



Overall Results for sample 7 : Sample 7

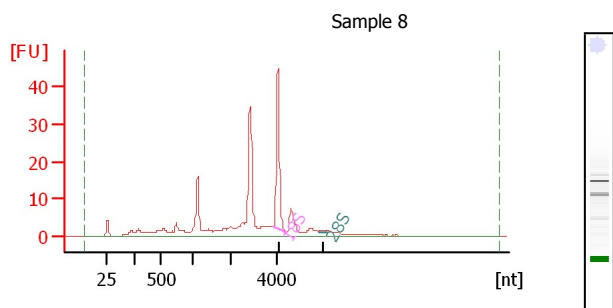
RNA Area: 229.0
 RNA Concentration: 262 ng/μl
 rRNA Ratio [28s / 18s]: 0.0
 RNA Integrity Number (RIN): 5.3 (B.02.08)
 Result Flagging Color:
 Result Flagging Label: RIN: 5.30

Fragment table for sample 7 : Sample 7

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	3,820	4,453	38.4	16.8
28S	5,810	6,136	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: 10/27/2011 10:45:46 AM

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

RNA Area: 225.3
RNA Concentration: 258 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	3,834	4,416	39.5	17.5
28S	5,779	6,142	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: 10/27/2011 10:45:46 AM

Gel Image