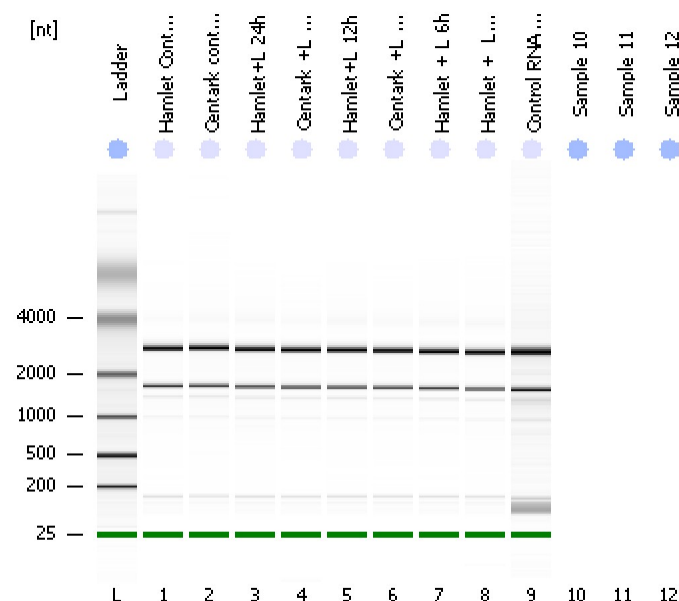


Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2011-09-19_17-05-53.xad

Created: 9/19/2011 5:05:53 PM
Modified: 9/20/2011 4:29:11 PM

Electrophoresis File Run Summary



Instrument Information:

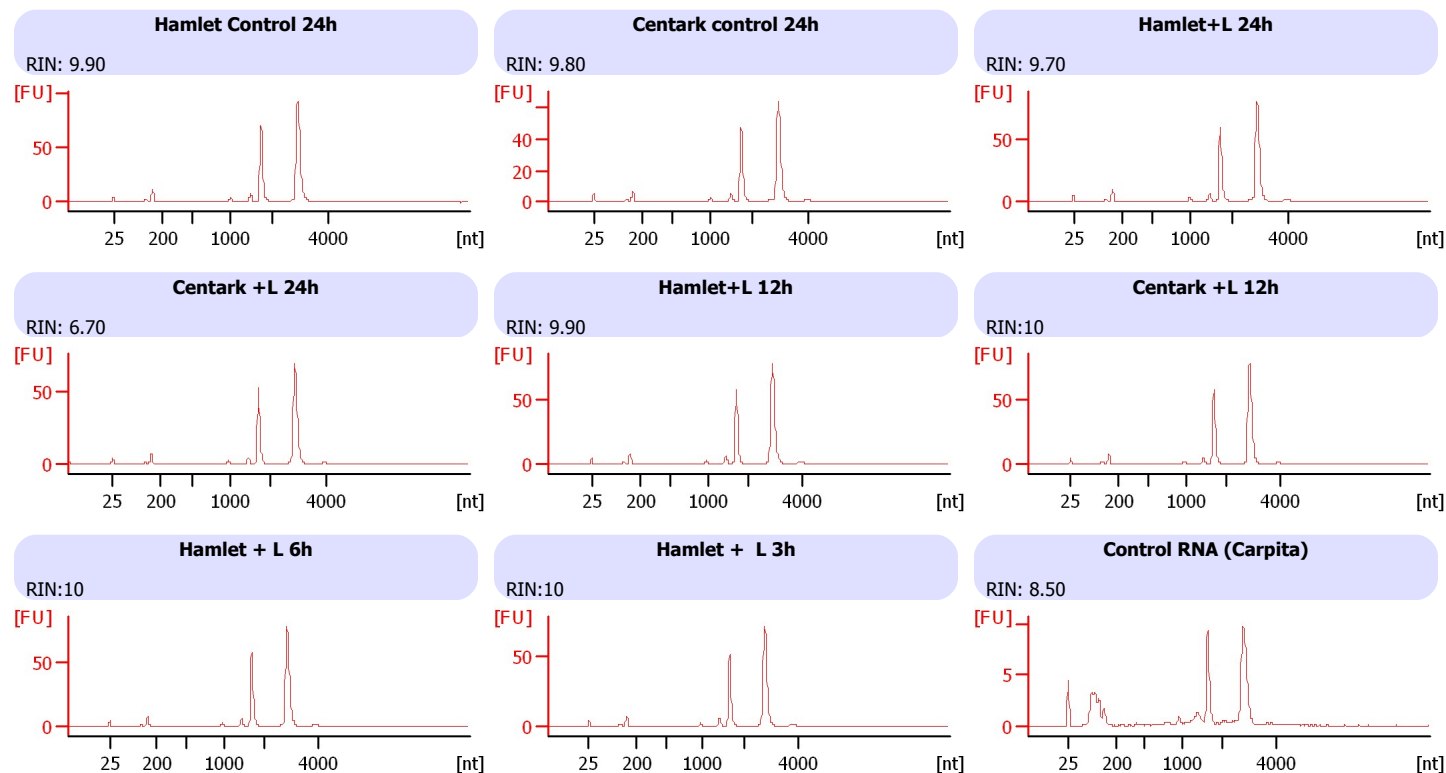
Instrument Name: Ann's baby
Serial#: DE24802235
Firmware: C.01.069
Type: G2938B

Assay Information:

Assay Origin Path: D:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\Eukaryote Total RNA 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:



Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2011-09-19_17-05-53.xad

Created: 9/19/2011 5:05:53 PM
Modified: 9/20/2011 4:29:11 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
Hamlet Control 24h		✓	RIN: 9.90	
Centark control 24h		✓	RIN: 9.80	
Hamlet+L 24h		✓	RIN: 9.70	
Centark +L 24h		✓	RIN: 6.70	
Hamlet+L 12h		✓	RIN: 9.90	
Centark +L 12h		✓	RIN:10	
Hamlet + L 6h		✓	RIN:10	
Hamlet + L 3h		✓	RIN:10	
Control RNA (Carpita)		✓	RIN: 8.50	
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_2011-09-19_17-05-53.xad

Created: 9/19/2011 5:05:53 PM
Modified: 9/20/2011 4:29:11 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/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

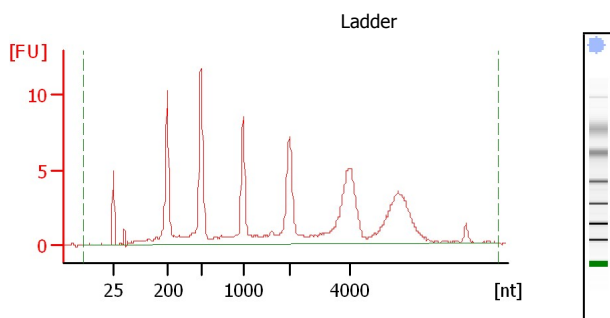
Ladder

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_2011-09-19_17-05-53.xad

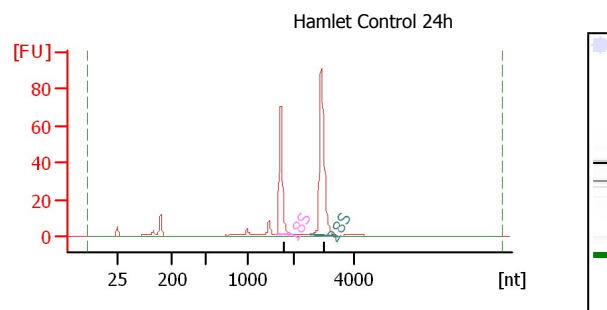
Created: 9/19/2011 5:05:53 PM
 Modified: 9/20/2011 4:29:11 PM

Electropherogram Summary



Overall Results for Ladder

RNA Area: 130.5
 RNA Concentration: 150 ng/μl
 Result Flagging Color:
 Result Flagging Label: All Other Samples

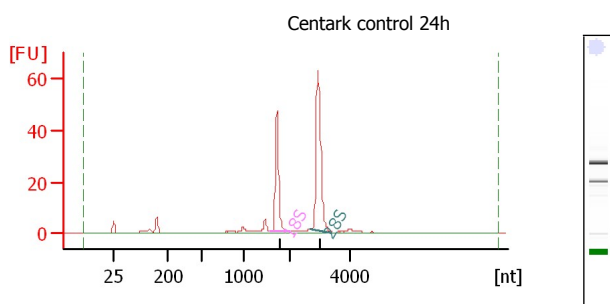


Overall Results for sample 1 : Hamlet Control 24h

RNA Area: 276.2
 RNA Concentration: 318 ng/μl
 rRNA Ratio [28s / 18s]: 1.8
 RNA Integrity Number (RIN): 9.9 (B.02.08)
 Result Flagging Color:
 Result Flagging Label: RIN: 9.90

Fragment table for sample 1 : Hamlet Control 24h

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,636	1,954	70.0	25.3
28S	2,510	3,475	123.8	44.8

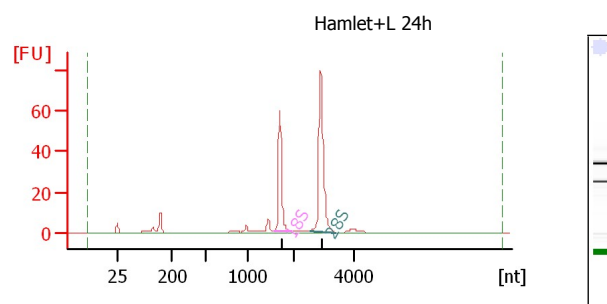


Overall Results for sample 2 : Centark control 24h

RNA Area: 190.5
 RNA Concentration: 219 ng/μl
 rRNA Ratio [28s / 18s]: 1.8
 RNA Integrity Number (RIN): 9.8 (B.02.08)
 Result Flagging Color:
 Result Flagging Label: RIN: 9.80

Fragment table for sample 2 : Centark control 24h

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,590	2,041	48.3	25.4
28S	2,648	3,420	85.7	45.0



Overall Results for sample 3 : Hamlet+L 24h

RNA Area: 257.8
 RNA Concentration: 296 ng/μl
 rRNA Ratio [28s / 18s]: 1.8
 RNA Integrity Number (RIN): 9.7 (B.02.08)
 Result Flagging Color:
 Result Flagging Label: RIN: 9.70

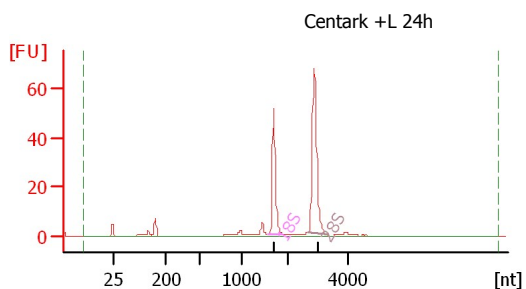
Fragment table for sample 3 : Hamlet+L 24h

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,563	1,963	60.4	23.4
28S	2,524	3,406	108.8	42.2

Assay Class: Eukaryote Total RNA Nano
 Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2011-09-19_17-05-53.xad

Created: 9/19/2011 5:05:53 PM
 Modified: 9/20/2011 4:29:11 PM

Electropherogram Summary Continued ...

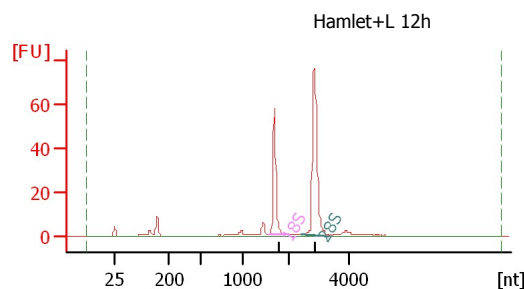


Overall Results for sample 4 : Centark +L 24h

RNA Area: 202.7
 RNA Concentration: 233 ng/μl
 rRNA Ratio [28s / 18s]: 0.0
 RNA Integrity Number (RIN): 6.7 (B.02.08, Anomaly Threshold(s) manually adapted)
 Result Flagging Color:
 Result Flagging Label: RIN: 6.70

Fragment table for sample 4 : Centark +L 24h

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,563	1,880	51.4	25.4
28S	2,673	3,314	90.7	44.7

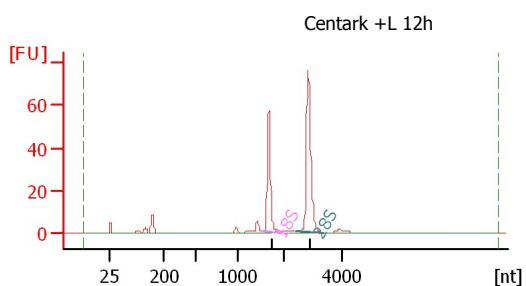


Overall Results for sample 5 : Hamlet+L 12h

RNA Area: 228.2
 RNA Concentration: 262 ng/μl
 rRNA Ratio [28s / 18s]: 1.8
 RNA Integrity Number (RIN): 9.9 (B.02.08)
 Result Flagging Color:
 Result Flagging Label: RIN: 9.90

Fragment table for sample 5 : Hamlet+L 12h

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,563	1,986	56.6	24.8
28S	2,439	3,332	104.4	45.7

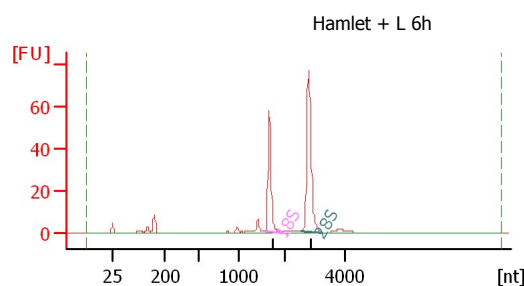


Overall Results for sample 6 : Centark +L 12h

RNA Area: 223.2
 RNA Concentration: 257 ng/μl
 rRNA Ratio [28s / 18s]: 1.9
 RNA Integrity Number (RIN): 10 (B.02.08)
 Result Flagging Color:
 Result Flagging Label: RIN: 10

Fragment table for sample 6 : Centark +L 12h

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,539	1,983	55.6	24.9
28S	2,452	3,365	103.3	46.3



Overall Results for sample 7 : Hamlet + L 6h

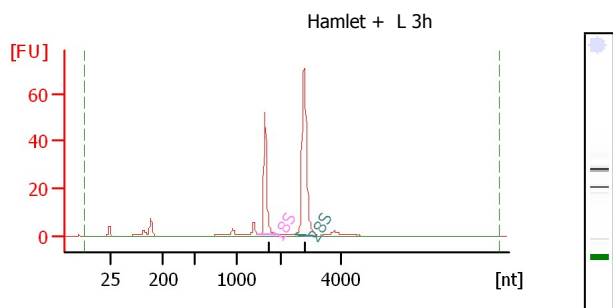
RNA Area: 235.2
 RNA Concentration: 270 ng/μl
 rRNA Ratio [28s / 18s]: 1.8
 RNA Integrity Number (RIN): 10 (B.02.08)
 Result Flagging Color:
 Result Flagging Label: RIN: 10

Fragment table for sample 7 : Hamlet + L 6h

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,526	1,963	57.5	24.4
28S	2,550	3,269	106.0	45.1

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2011-09-19_17-05-53.xad

Created: 9/19/2011 5:05:53 PM
Modified: 9/20/2011 4:29:11 PM

Electropherogram Summary Continued ...**Overall Results for sample 8 : Hamlet + L 3h**

RNA Area: 208.8
RNA Concentration: 240 ng/μl
rRNA Ratio [28s / 18s]: 1.9
RNA Integrity Number (RIN): 10 (B.02.08)
Result Flagging Color:
Result Flagging Label: RIN:10

Fragment table for sample 8 : Hamlet + L 3h

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,513	1,942	51.7	24.7
28S	2,451	3,244	97.5	46.7

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2011-09-19_17-05-53.xad

Created: 9/19/2011 5:05:53 PM
Modified: 9/20/2011 4:29:11 PM

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