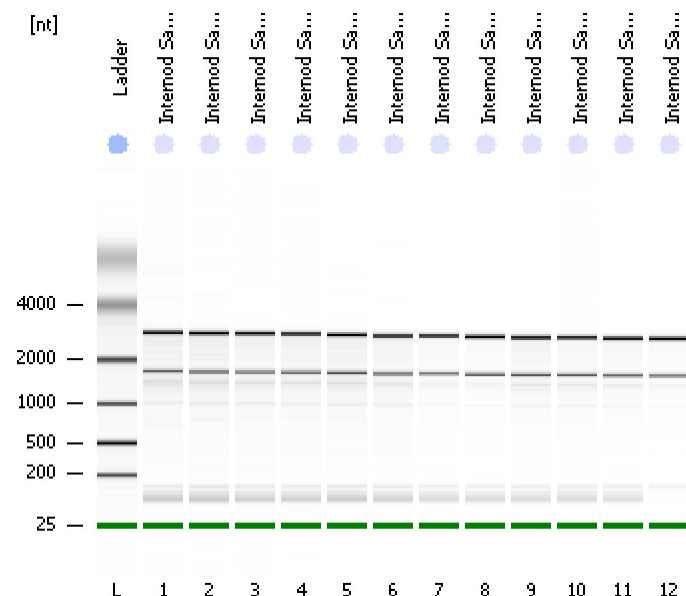


Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2011-12-08_16-23-21.xad

Created: 12/8/2011 4:23:20 PM
Modified: 12/9/2011 5:48:38 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:

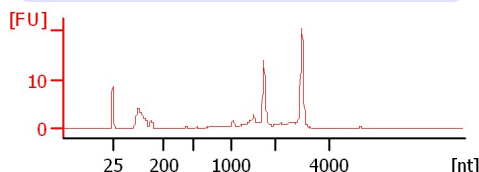
Chip Lot #:

Reagent Kit Lot #:

Chip Comments:

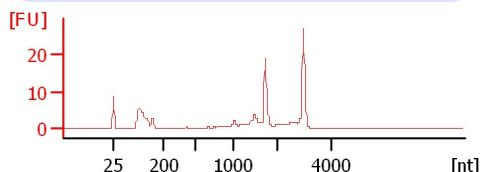
Internod Sample 1 Rerun

1:5 dil
RIN: 8.10



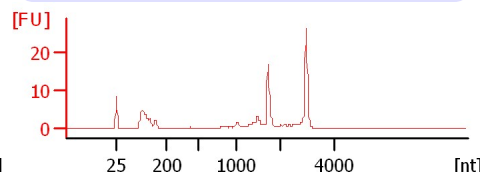
Internod Sample 2 Rerun

1:5 dil
RIN: 8



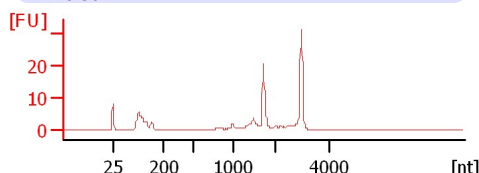
Internod Sample 3 Rerun

1:5 dil
RIN: 8.40



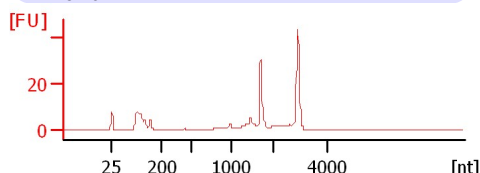
Internod Sample 4 Rerun

1:5 dil
RIN: 8.30



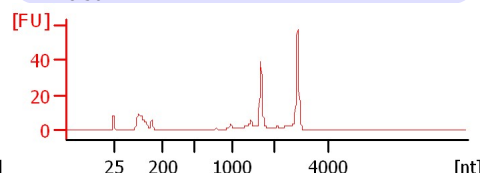
Internod Sample 5 Rerun

1:5 dil
RIN: 8.10



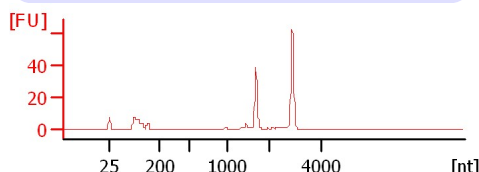
Internod Sample 6 Rerun

1:5 dil
RIN: 8.50



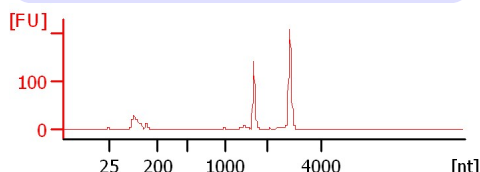
Internod Sample 7 Rerun

1:5 dil
RIN: 9.20



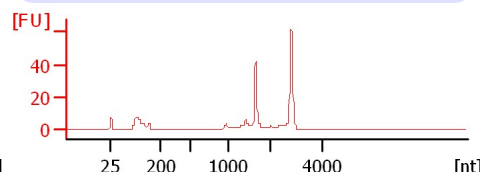
Internod Sample 8 Rerun

1:5 dil
RIN: 9.50



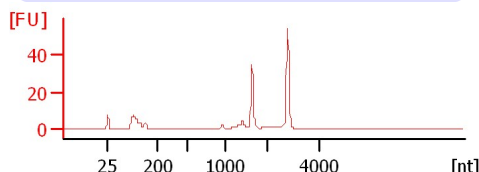
Internod Sample 9 Rerun

1:5 dil
RIN: 8.60



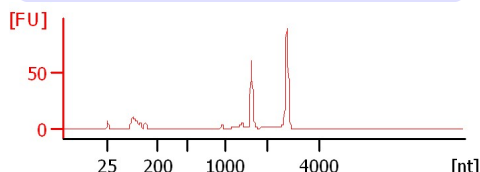
Internod Sample 10 Rerun

1:5 dil
RIN: 8.90



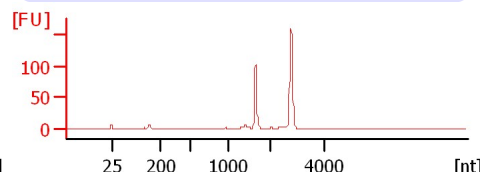
Internod Sample 11 Rerun

1:5 dil
RIN: 9.10



Internod Sample 12 Rerun

1:5 dil
RIN: 9.60



Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2011-12-08_16-23-21.xad

Created: 12/8/2011 4:23:20 PM
Modified: 12/9/2011 5:48:38 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
Internod Sample 1 Rerun	1:5 dil	✓	RIN: 8.10	
Internod Sample 2 Rerun	1:5 dil	✓	RIN:8	
Internod Sample 3 Rerun	1:5 dil	✓	RIN: 8.40	
Internod Sample 4 Rerun	1:5 dil	✓	RIN: 8.30	
Internod Sample 5 Rerun	1:5 dil	✓	RIN: 8.10	
Internod Sample 6 Rerun	1:5 dil	✓	RIN: 8.50	
Internod Sample 7 Rerun	1:5 dil	✓	RIN: 9.20	
Internod Sample 8 Rerun	1:5 dil	✓	RIN: 9.50	
Internod Sample 9 Rerun	1:5 dil	✓	RIN: 8.60	
Internod Sample 10 Rerun	1:5 dil	✓	RIN: 8.90	
Internod Sample 11 Rerun	1:5 dil	✓	RIN: 9.10	
Internod Sample 12 Rerun	1:5 dil	✓	RIN: 9.60	
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_2011-12-08_16-23-21.xad

Created: 12/8/2011 4:23:20 PM
Modified: 12/9/2011 5:48:38 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

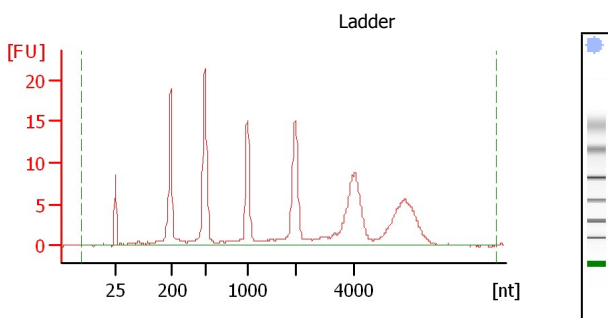
Ladder

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_2011-12-08_16-23-21.xad

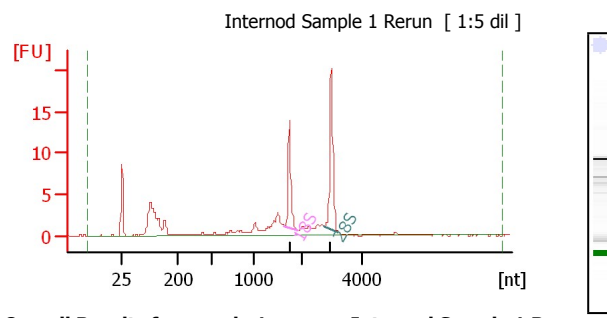
Created: 12/8/2011 4:23:20 PM
 Modified: 12/9/2011 5:48:38 PM

Electropherogram Summary



Overall Results for Ladder

RNA Area: 208.9
 RNA Concentration: 150 ng/μl
 Result Flagging Color:
 Result Flagging Label: All Other Samples

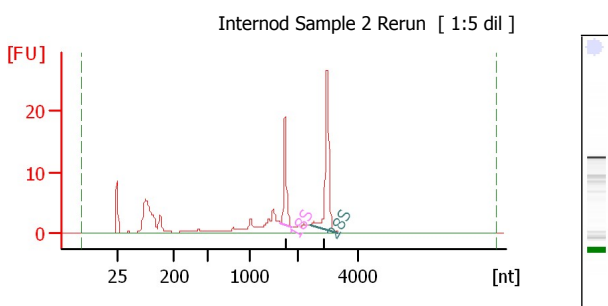


Overall Results for sample 1 : Internod Sample 1 Rerun

RNA Area: 82.4
 RNA Concentration: 59 ng/μl
 rRNA Ratio [28s / 18s]: 1.7
 RNA Integrity Number (RIN): 8.1 (B.02.08)
 Result Flagging Color:
 Result Flagging Label: RIN: 8.10

Fragment table for sample 1 : Internod Sample 1 Rerun

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,633	1,913	11.1	13.5
28S	2,737	3,232	18.4	22.3

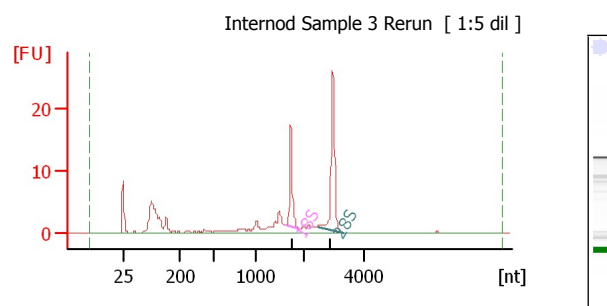


Overall Results for sample 2 : Internod Sample 2 Rerun

RNA Area: 108.4
 RNA Concentration: 78 ng/μl
 rRNA Ratio [28s / 18s]: 1.7
 RNA Integrity Number (RIN): 8 (B.02.08)
 Result Flagging Color:
 Result Flagging Label: RIN: 8

Fragment table for sample 2 : Internod Sample 2 Rerun

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,629	1,872	15.6	14.4
28S	2,384	3,298	27.1	25.0



Overall Results for sample 3 : Internod Sample 3 Rerun

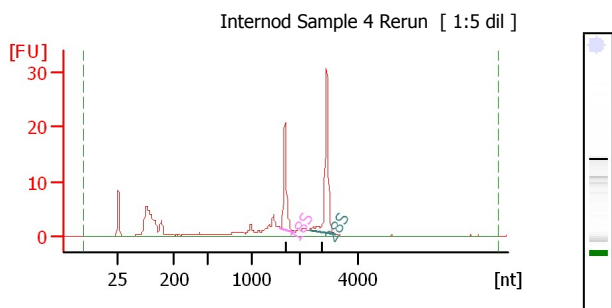
RNA Area: 97.9
 RNA Concentration: 70 ng/μl
 rRNA Ratio [28s / 18s]: 1.8
 RNA Integrity Number (RIN): 8.4 (B.02.08)
 Result Flagging Color:
 Result Flagging Label: RIN: 8.40

Fragment table for sample 3 : Internod Sample 3 Rerun

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,629	1,907	14.0	14.3
28S	2,412	3,284	25.7	26.2

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2011-12-08_16-23-21.xad

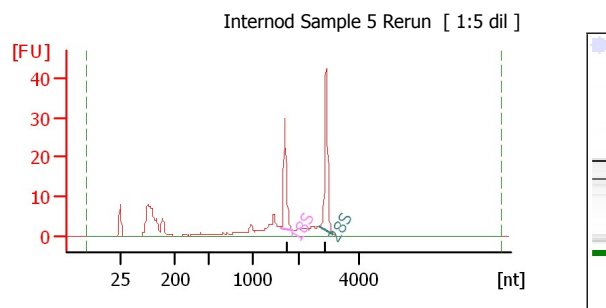
Created: 12/8/2011 4:23:20 PM
Modified: 12/9/2011 5:48:38 PM

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

RNA Area: 114.7
RNA Concentration: 82 ng/μl
rRNA Ratio [28s / 18s]: 1.8
RNA Integrity Number (RIN): 8.3 (B.02.08)
Result Flagging Color:
Result Flagging Label: RIN: 8.30

Fragment table for sample 4 : Internod Sample 4 Rerun

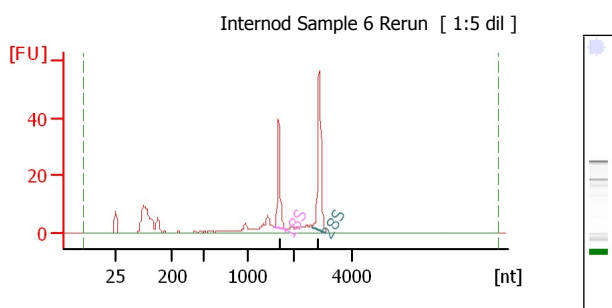
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,617	1,888	16.5	14.4
28S	2,369	3,217	29.7	25.9

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

RNA Area: 165.5
RNA Concentration: 119 ng/μl
rRNA Ratio [28s / 18s]: 1.5
RNA Integrity Number (RIN): 8.1 (B.02.08)
Result Flagging Color:
Result Flagging Label: RIN: 8.10

Fragment table for sample 5 : Internod Sample 5 Rerun

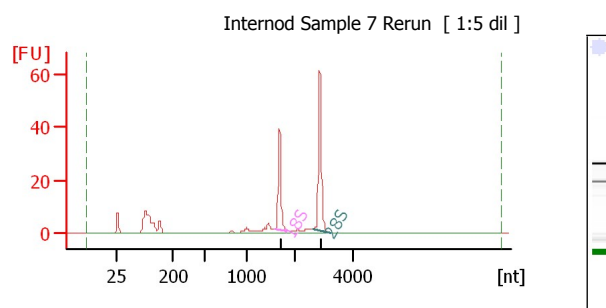
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,612	1,840	24.2	14.6
28S	2,652	3,135	37.0	22.4

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

RNA Area: 199.8
RNA Concentration: 143 ng/μl
rRNA Ratio [28s / 18s]: 1.6
RNA Integrity Number (RIN): 8.5 (B.02.08)
Result Flagging Color:
Result Flagging Label: RIN: 8.50

Fragment table for sample 6 : Internod Sample 6 Rerun

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,572	1,819	32.2	16.1
28S	2,610	3,110	50.3	25.2

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

RNA Area: 165.8
RNA Concentration: 119 ng/μl
rRNA Ratio [28s / 18s]: 1.7
RNA Integrity Number (RIN): 9.2 (B.02.08)
Result Flagging Color:
Result Flagging Label: RIN: 9.20

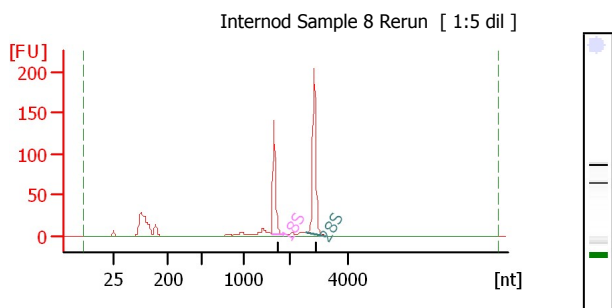
Fragment table for sample 7 : Internod Sample 7 Rerun

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,593	1,825	31.5	19.0
28S	2,595	3,243	54.0	32.5

Assay Class: Eukaryote Total RNA Nano
 Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2011-12-08_16-23-21.xad

Created: 12/8/2011 4:23:20 PM
 Modified: 12/9/2011 5:48:38 PM

Electropherogram Summary Continued ...

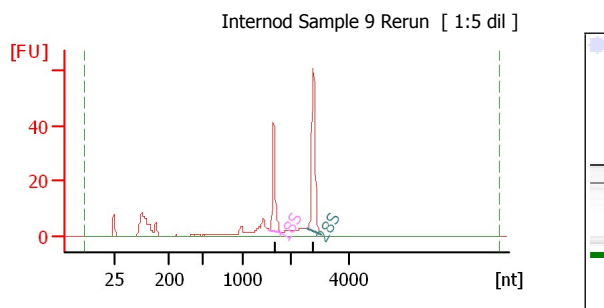


Overall Results for sample 8 : Internod Sample 8 Rerun

RNA Area: 574.2
 RNA Concentration: 412 ng/μl
 rRNA Ratio [28s / 18s]: 1.7
 RNA Integrity Number (RIN): 9.5 (B.02.08)
 Result Flagging Color:
 Result Flagging Label: RIN: 9.50

Fragment table for sample 8 : Internod Sample 8 Rerun

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,590	1,849	117.5	20.5
28S	2,566	3,232	197.1	34.3

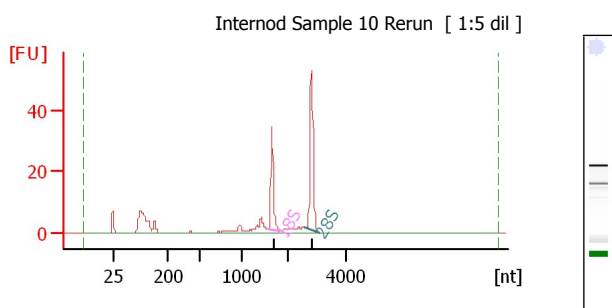


Overall Results for sample 9 : Internod Sample 9 Rerun

RNA Area: 199.8
 RNA Concentration: 143 ng/μl
 rRNA Ratio [28s / 18s]: 1.7
 RNA Integrity Number (RIN): 8.6 (B.02.08)
 Result Flagging Color:
 Result Flagging Label: RIN: 8.60

Fragment table for sample 9 : Internod Sample 9 Rerun

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,543	1,812	33.8	16.9
28S	2,537	3,045	57.7	28.9

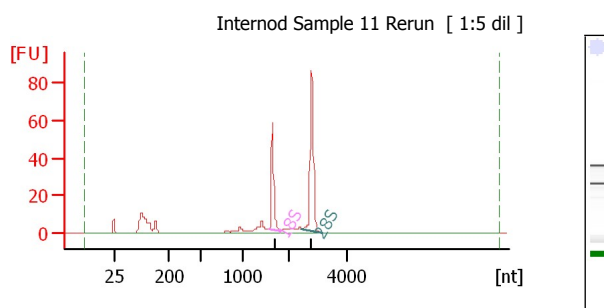


Overall Results for sample 10 : Internod Sample 10 Rerun

RNA Area: 155.4
 RNA Concentration: 112 ng/μl
 rRNA Ratio [28s / 18s]: 1.7
 RNA Integrity Number (RIN): 8.9 (B.02.08)
 Result Flagging Color:
 Result Flagging Label: RIN: 8.90

Fragment table for sample 10 : Internod Sample 10 Rerun

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,542	1,811	28.0	18.0
28S	2,523	3,060	46.8	30.1



Overall Results for sample 11 : Internod Sample 11 Rerun

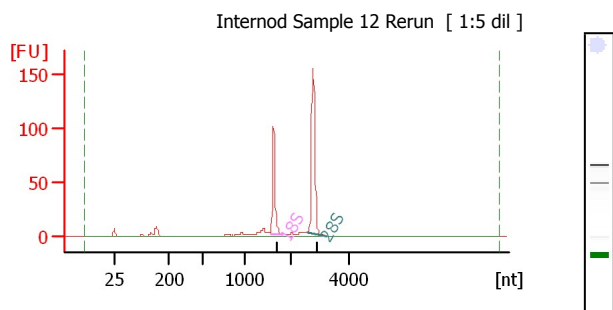
RNA Area: 249.3
 RNA Concentration: 179 ng/μl
 rRNA Ratio [28s / 18s]: 1.7
 RNA Integrity Number (RIN): 9.1 (B.02.08)
 Result Flagging Color:
 Result Flagging Label: RIN: 9.10

Fragment table for sample 11 : Internod Sample 11 Rerun

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,560	1,820	46.9	18.8
28S	2,406	3,147	81.8	32.8

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2011-12-08_16-23-21.xad

Created: 12/8/2011 4:23:20 PM
Modified: 12/9/2011 5:48:38 PM

Electropherogram Summary Continued ...**Overall Results for sample 12 : Internod Sample 12 Rerun**

RNA Area: 334.4
RNA Concentration: 240 ng/μl
rRNA Ratio [28s / 18s]: 1.8
RNA Integrity Number (RIN): 9.6 (B.02.08)
Result Flagging Color:
Result Flagging Label: RIN: 9.60

Fragment table for sample 12 : Internod Sample 12 Rerun

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
------	-----------------	---------------	------	-----------------

18S	1,563	1,813	83.1	24.9
28S	2,523	3,203	149.8	44.8

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2011-12-08_16-23-21.xad

Created: 12/8/2011 4:23:20 PM
Modified: 12/9/2011 5:48:38 PM

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