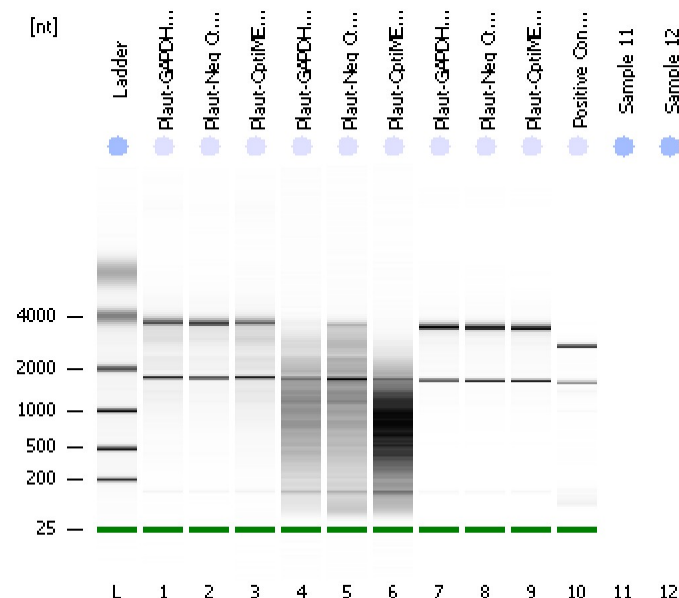


Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2012-06-05_13-57-10.xad

Created: 6/5/2012 1:57:10 PM
Modified: 6/5/2012 2:17:38 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:

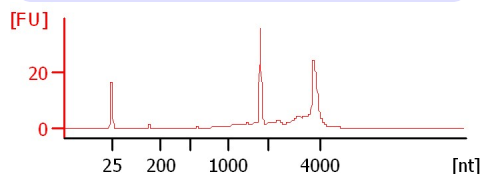
Chip Lot #:

Reagent Kit Lot #:

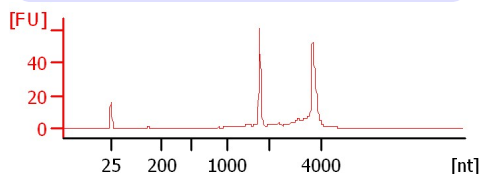
Chip Comments:

Plaut-GAPDH 150 6-5-2012

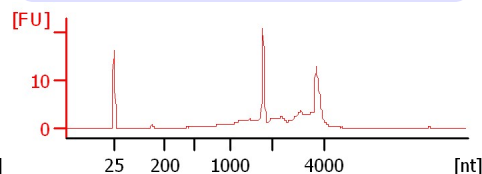
RIN: 8.60

**Plaut-Neg Ctrl 150 6-5-2012**

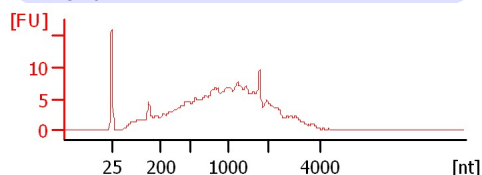
RIN: 9

**Plaut-OptiMEM 150 6-5-2012**

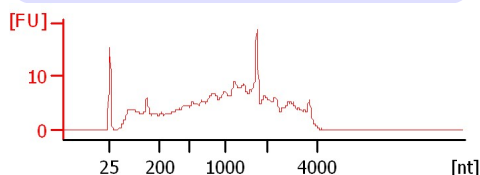
RIN: 7.70

**Plaut-GAPDH 400 6-5-2012**

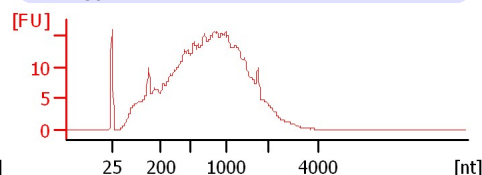
RIN: 3.40

**Plaut-Neg Ctrl 400 6-5-2012**

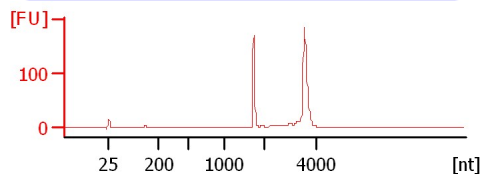
RIN: 4

**Plaut-OptiMEM 400 6-5-2012**

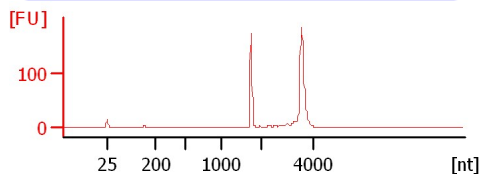
RIN: 2.50

**Plaut-GAPDH 600 6-5-2012**

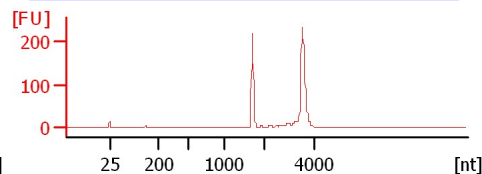
RIN: 10

**Plaut-Neg Ctrl 600 6-5-2012**

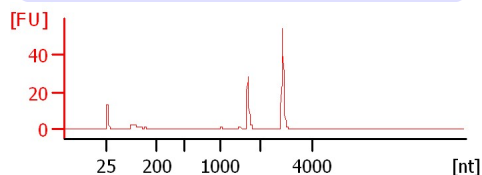
RIN: 9.90

**Plaut-OptiMEM 600 6-5-2012**

RIN: 9.90

**Positive Control**

RIN: 9.60



Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2012-06-05_13-57-10.xad

Created: 6/5/2012 1:57:10 PM
Modified: 6/5/2012 2:17:38 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
Plaut-GAPDH 150 6-5-2012		✓	RIN: 8.60	
Plaut-Neg Ctrl 150 6-5-2012		✓	RIN:9	
Plaut-OptiMEM 150 6-5-2012		✓	RIN: 7.70	
Plaut-GAPDH 400 6-5-2012		✓	RIN: 3.40	
Plaut-Neg Ctrl 400 6-5-2012		✓	RIN:4	
Plaut-OptiMEM 400 6-5-2012		✓	RIN: 2.50	
Plaut-GAPDH 600 6-5-2012		✓	RIN:10	
Plaut-Neg Ctrl 600 6-5-2012		✓	RIN: 9.90	
Plaut-OptiMEM 600 6-5-2012		✓	RIN: 9.90	
Positive Control		✓	RIN: 9.60	
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_2012-06-05_13-57-10.xad

Created: 6/5/2012 1:57:10 PM
Modified: 6/5/2012 2:17:38 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/ 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

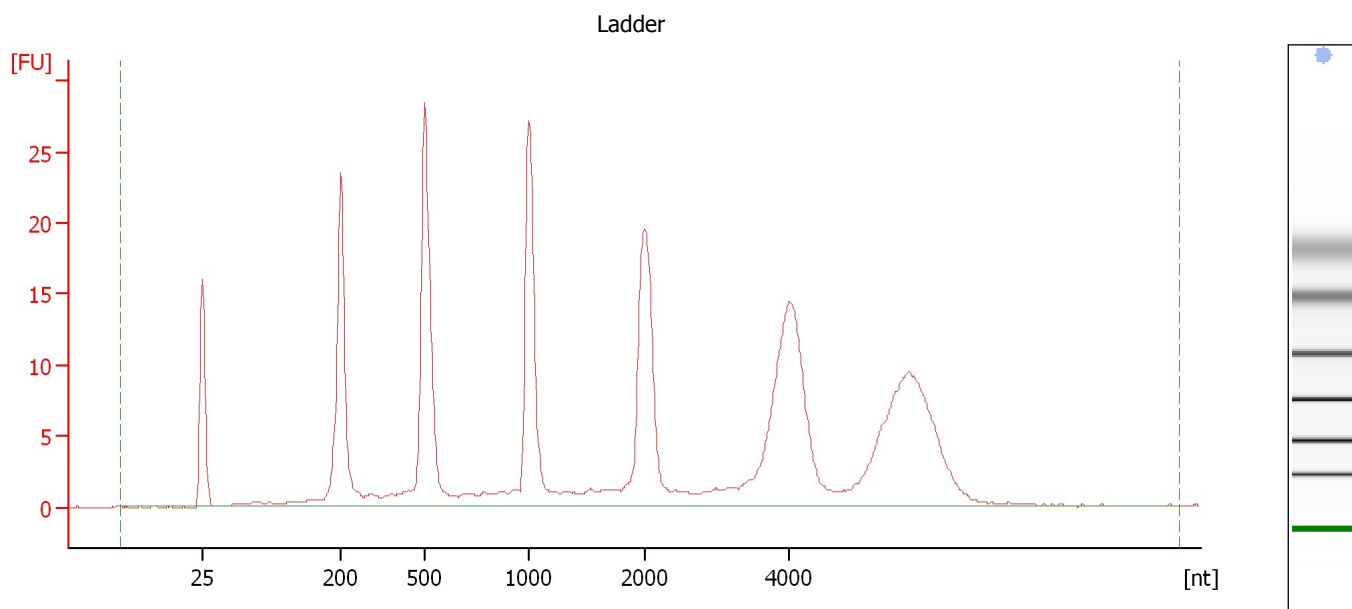
Ladder

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_2012-06-05_13-57-10.xad

Created: 6/5/2012 1:57:10 PM
Modified: 6/5/2012 2:17:38 PM

Electropherogram Summary



Overall Results for Ladder

RNA Area: 289.3

Result Flagging Color:



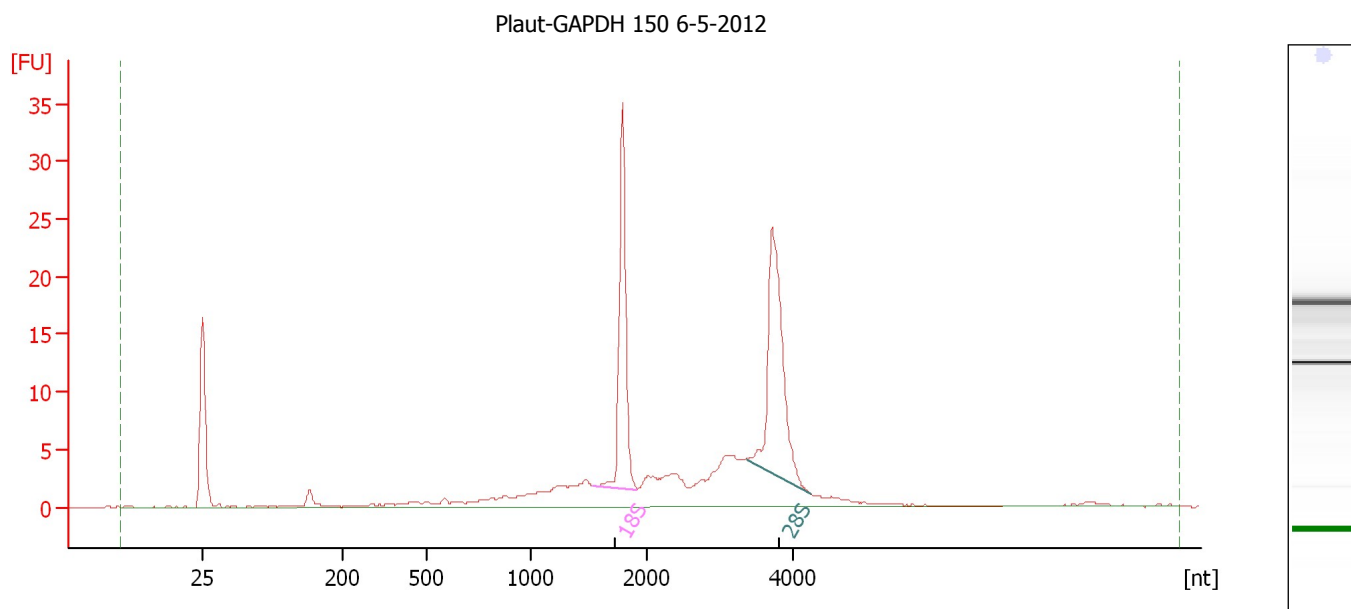
RNA Concentration: 150 ng/μl

Result Flagging Label:

All Other Samples

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2012-06-05_13-57-10.xad

Created: 6/5/2012 1:57:10 PM
Modified: 6/5/2012 2:17:38 PM

Electropherogram Summary Continued ...**Overall Results for sample 1 : Plaut-GAPDH 150 6-5-2012**

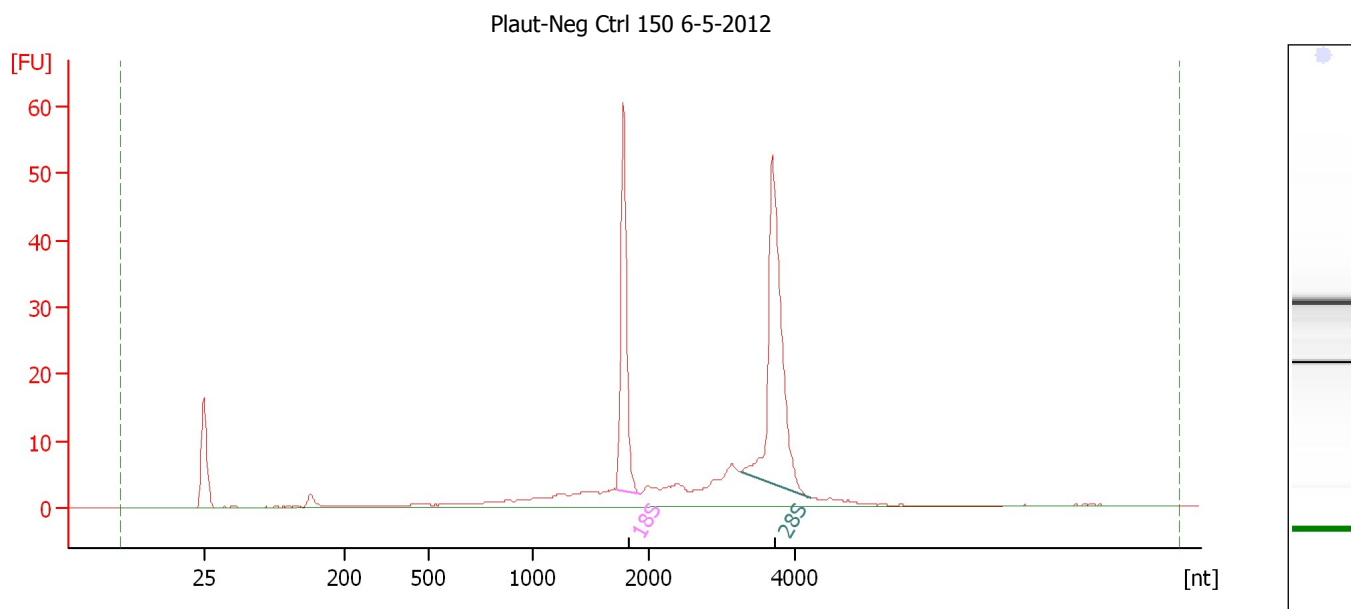
RNA Area:	142.5	RNA Integrity Number (RIN):	8.6 (B.02.08)
RNA Concentration:	74 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.2	Result Flagging Label:	RIN: 8.60

Fragment table for sample 1 : Plaut-GAPDH 150 6-5-2012

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,529	1,917	26.9	18.9
28S	3,381	4,261	33.5	23.5

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2012-06-05_13-57-10.xad

Created: 6/5/2012 1:57:10 PM
Modified: 6/5/2012 2:17:38 PM

Electropherogram Summary Continued ...**Overall Results for sample 2 : Plaut-Neg Ctrl 150 6-5-2012**

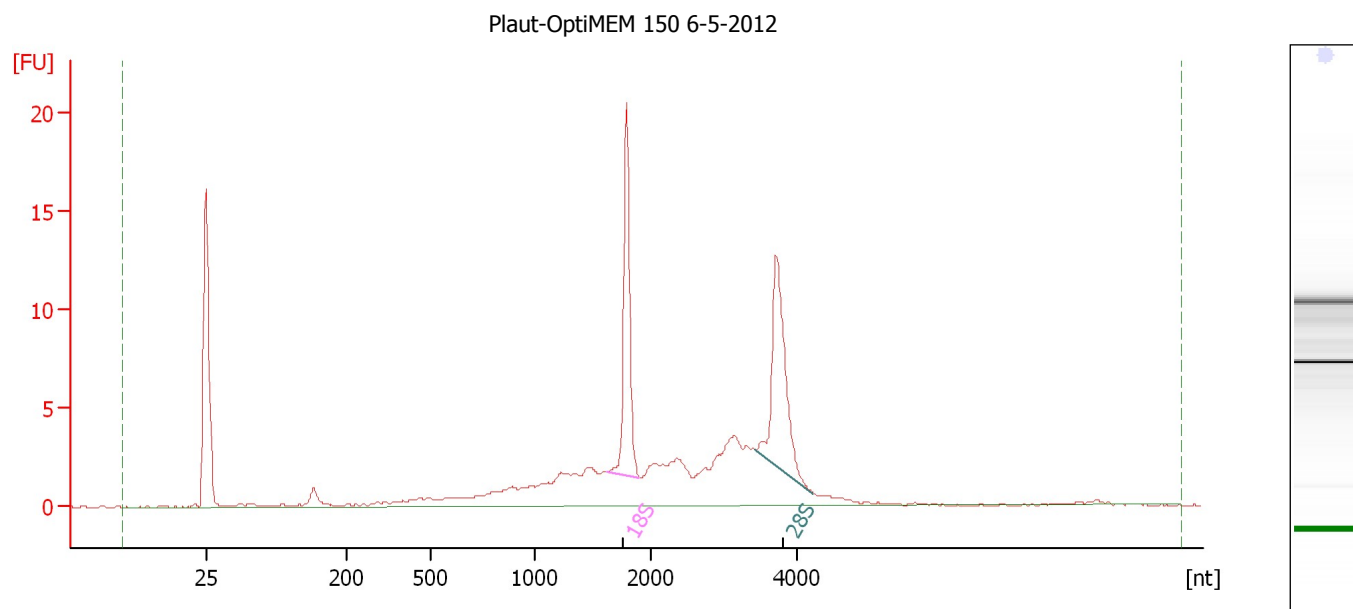
RNA Area:	219.9	RNA Integrity Number (RIN):	9 (B.02.08)
RNA Concentration:	114 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.6	Result Flagging Label:	RIN:9

Fragment table for sample 2 : Plaut-Neg Ctrl 150 6-5-2012

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,725	1,928	43.1	19.6
28S	3,262	4,214	68.0	30.9

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2012-06-05_13-57-10.xad

Created: 6/5/2012 1:57:10 PM
Modified: 6/5/2012 2:17:38 PM

Electropherogram Summary Continued ...**Overall Results for sample 3 : Plaut-OptiMEM 150 6-5-2012**

RNA Area:	104.0	RNA Integrity Number (RIN):	7.7 (B.02.08)
RNA Concentration:	54 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.0	Result Flagging Label:	RIN: 7.70

Fragment table for sample 3 : Plaut-OptiMEM 150 6-5-2012

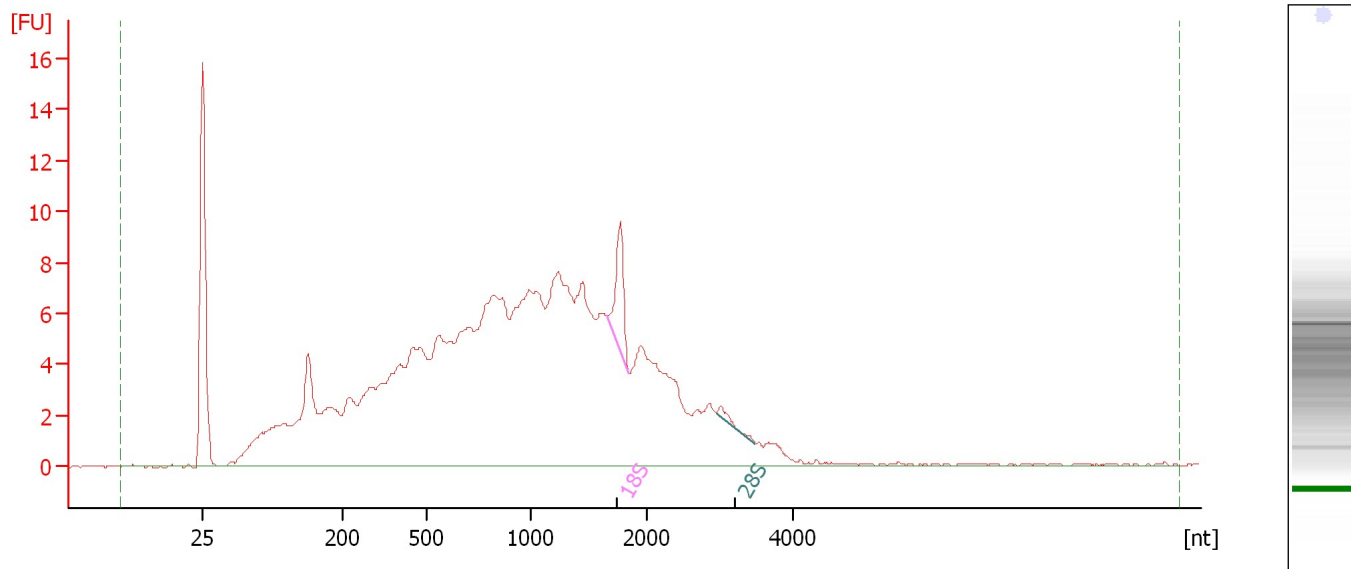
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,624	1,900	14.8	14.2
28S	3,438	4,229	15.0	14.4

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2012-06-05_13-57-10.xad

Created: 6/5/2012 1:57:10 PM
Modified: 6/5/2012 2:17:38 PM

Electropherogram Summary Continued ...

Plaut-GAPDH 400 6-5-2012

**Overall Results for sample 4 : Plaut-GAPDH 400 6-5-2012**

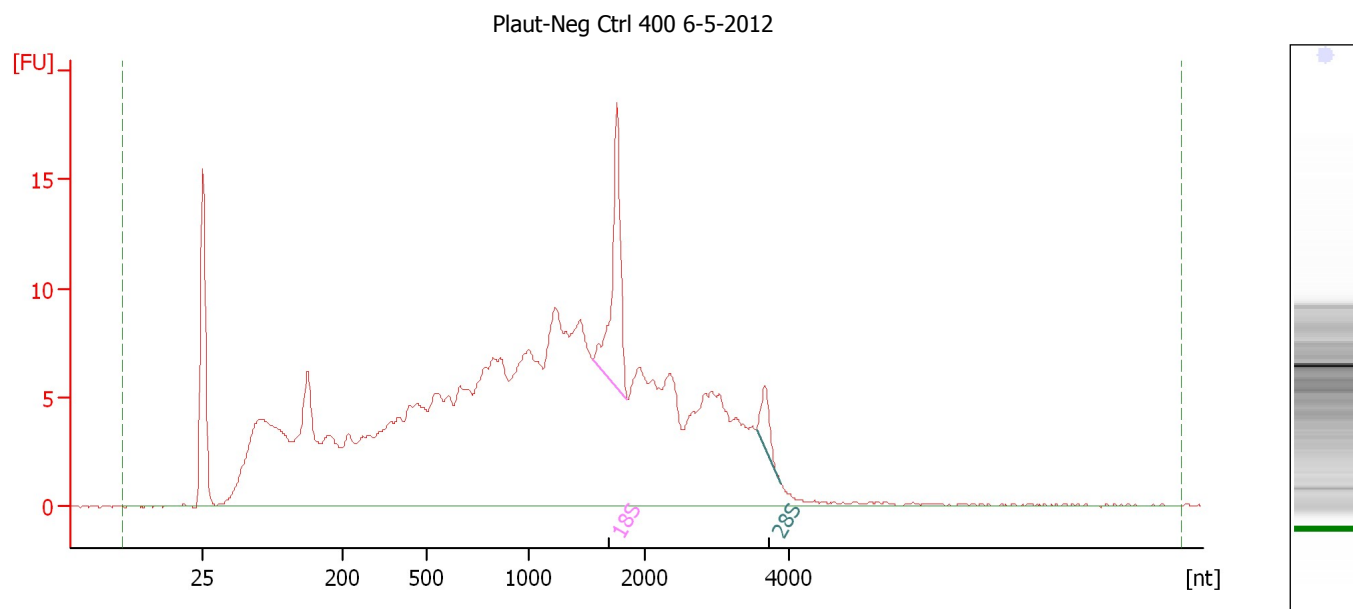
RNA Area:	263.4	RNA Integrity Number (RIN):	3.4 (B.02.08)
RNA Concentration:	137 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.1	Result Flagging Label:	RIN: 3.40

Fragment table for sample 4 : Plaut-GAPDH 400 6-5-2012

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,649	1,853	4.7	1.8
28S	2,955	3,498	0.7	0.3

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2012-06-05_13-57-10.xad

Created: 6/5/2012 1:57:10 PM
Modified: 6/5/2012 2:17:38 PM

Electropherogram Summary Continued ...**Overall Results for sample 5 : Plaut-Neg Ctrl 400 6-5-2012**

RNA Area: 349.4 RNA Integrity Number (RIN): 4 (B.02.08)
RNA Concentration: 181 ng/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 0.2 Result Flagging Label: RIN:4

Fragment table for sample 5 : Plaut-Neg Ctrl 400 6-5-2012

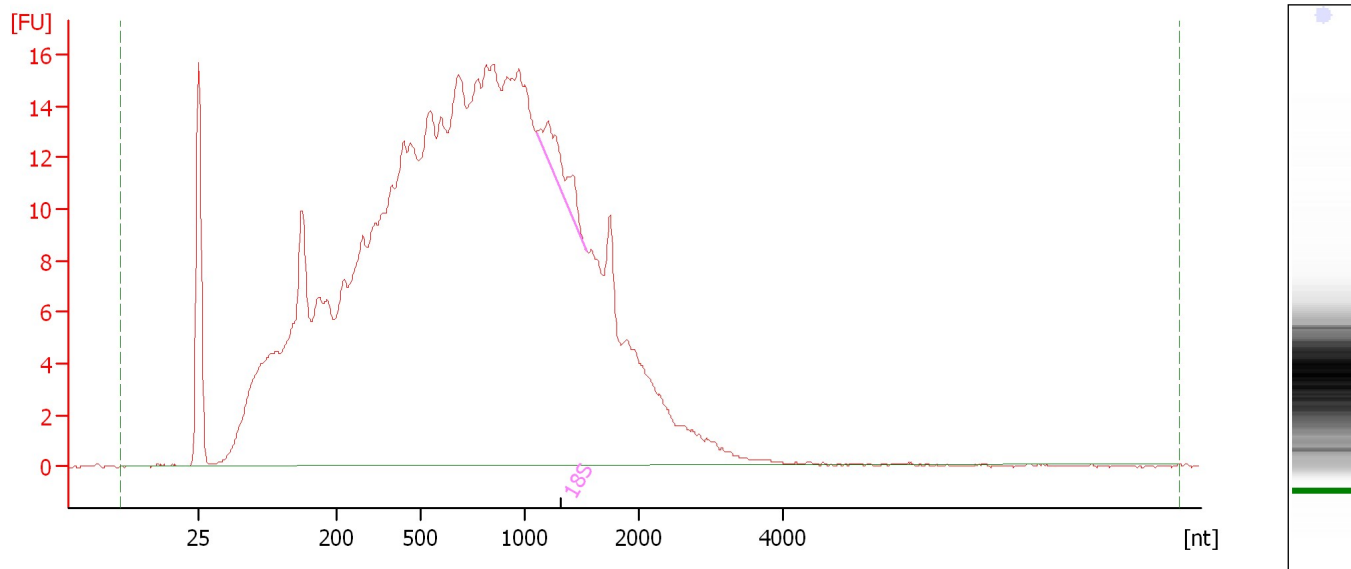
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,553	1,850	13.9	4.0
28S	3,545	3,884	2.7	0.8

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2012-06-05_13-57-10.xad

Created: 6/5/2012 1:57:10 PM
Modified: 6/5/2012 2:17:38 PM

Electropherogram Summary Continued ...

Plaut-OptiMEM 400 6-5-2012

**Overall Results for sample 6 : Plaut-OptiMEM 400 6-5-2012**

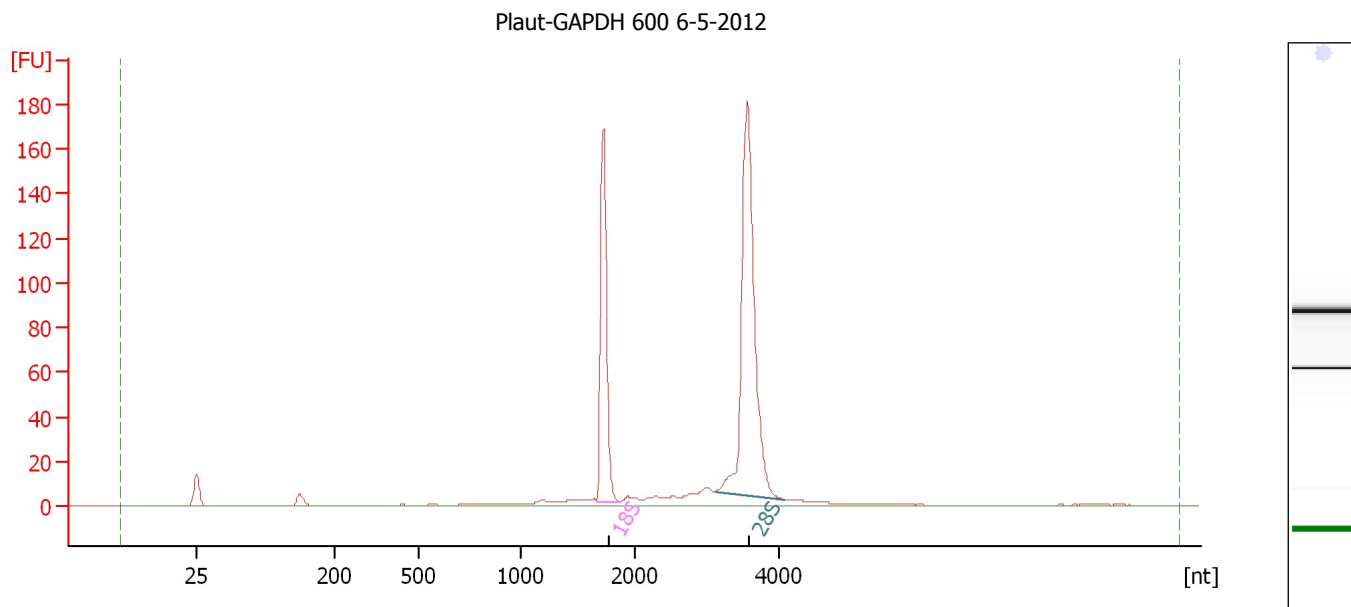
RNA Area:	543.9	RNA Integrity Number (RIN):	2.5 (B.02.08)
RNA Concentration:	282 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.50

Fragment table for sample 6 : Plaut-OptiMEM 400 6-5-2012

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,111	1,549	5.6	1.0

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2012-06-05_13-57-10.xad

Created: 6/5/2012 1:57:10 PM
Modified: 6/5/2012 2:17:38 PM

Electropherogram Summary Continued ...**Overall Results for sample 7 : Plaut-GAPDH 600 6-5-2012**

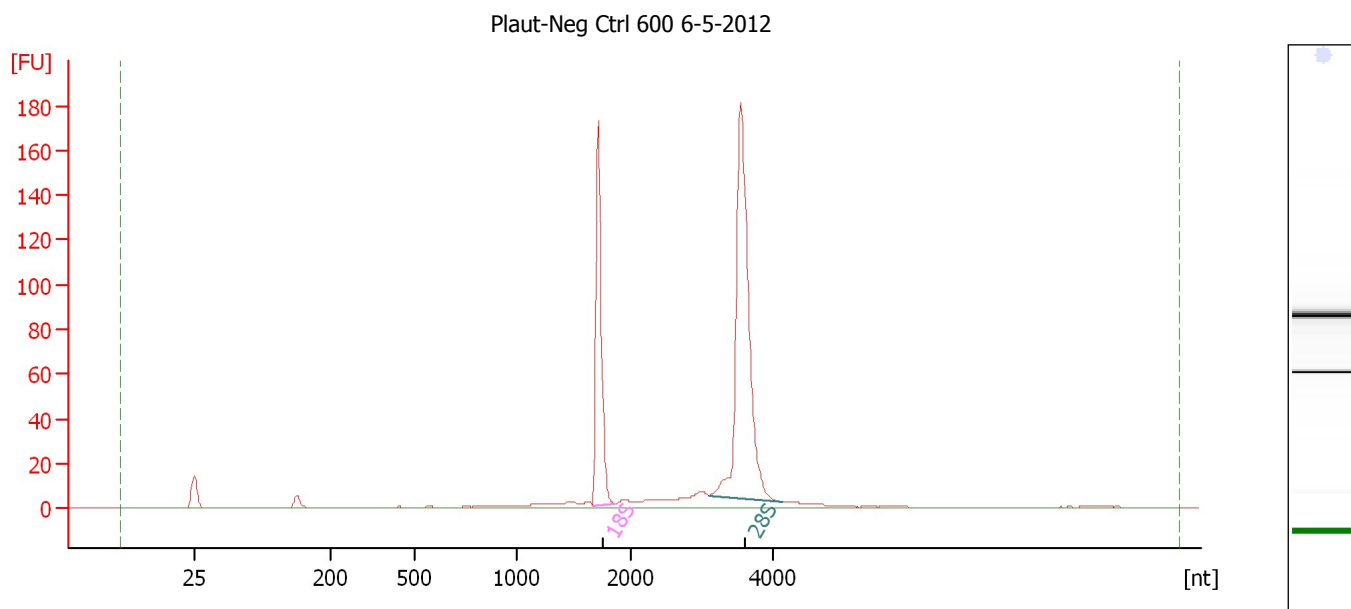
RNA Area: 499.8 RNA Integrity Number (RIN): 10 (B.02.08)
RNA Concentration: 259 ng/ μ l Result Flagging Color:
rRNA Ratio [28s / 18s]: 2.0 Result Flagging Label: RIN:10

Fragment table for sample 7 : Plaut-GAPDH 600 6-5-2012

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,676	1,873	122.4	24.5
28S	3,106	4,087	242.2	48.5

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2012-06-05_13-57-10.xad

Created: 6/5/2012 1:57:10 PM
Modified: 6/5/2012 2:17:38 PM

Electropherogram Summary Continued ...**Overall Results for sample 8 : Plaut-Neg Ctrl 600 6-5-2012**

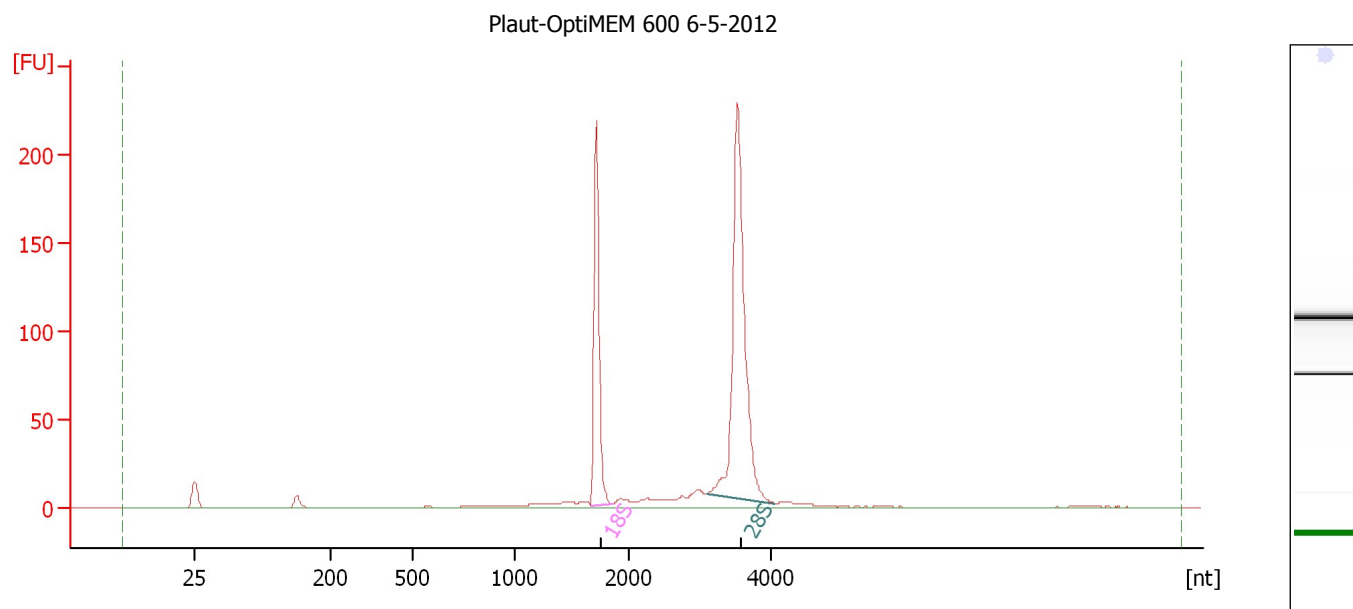
RNA Area:	493.8	RNA Integrity Number (RIN):	9.9 (B.02.08)
RNA Concentration:	256 ng/ μ l	Result Flagging Color:	
rRNA Ratio [28S / 18S]:	2.0	Result Flagging Label:	RIN: 9.90

Fragment table for sample 8 : Plaut-Neg Ctrl 600 6-5-2012

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,663	1,870	123.0	24.9
28S	3,108	4,138	243.9	49.4

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2012-06-05_13-57-10.xad

Created: 6/5/2012 1:57:10 PM
Modified: 6/5/2012 2:17:38 PM

Electropherogram Summary Continued ...**Overall Results for sample 9 : Plaut-OptiMEM 600 6-5-2012**

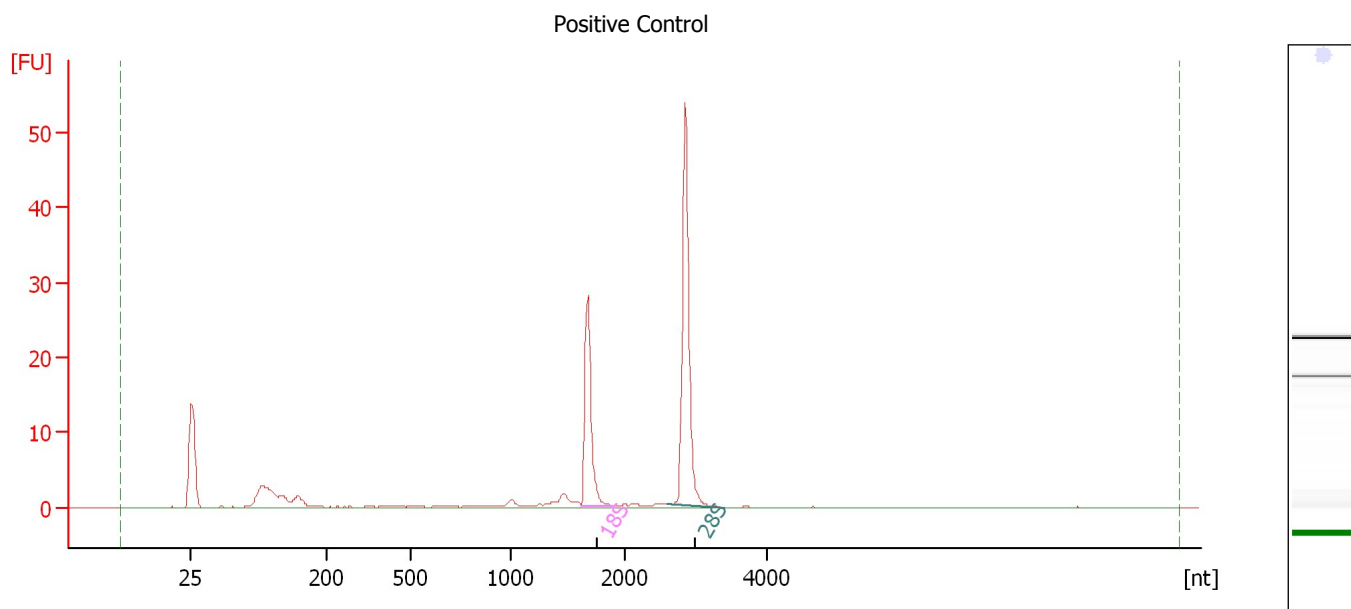
RNA Area:	610.7	RNA Integrity Number (RIN):	9.9 (B.02.08)
RNA Concentration:	317 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.9	Result Flagging Label:	RIN: 9.90

Fragment table for sample 9 : Plaut-OptiMEM 600 6-5-2012

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,660	1,858	152.5	25.0
28S	3,094	4,054	296.1	48.5

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2012-06-05_13-57-10.xad

Created: 6/5/2012 1:57:10 PM
Modified: 6/5/2012 2:17:38 PM

Electropherogram Summary Continued ...**Overall Results for sample 10 : Positive Control**

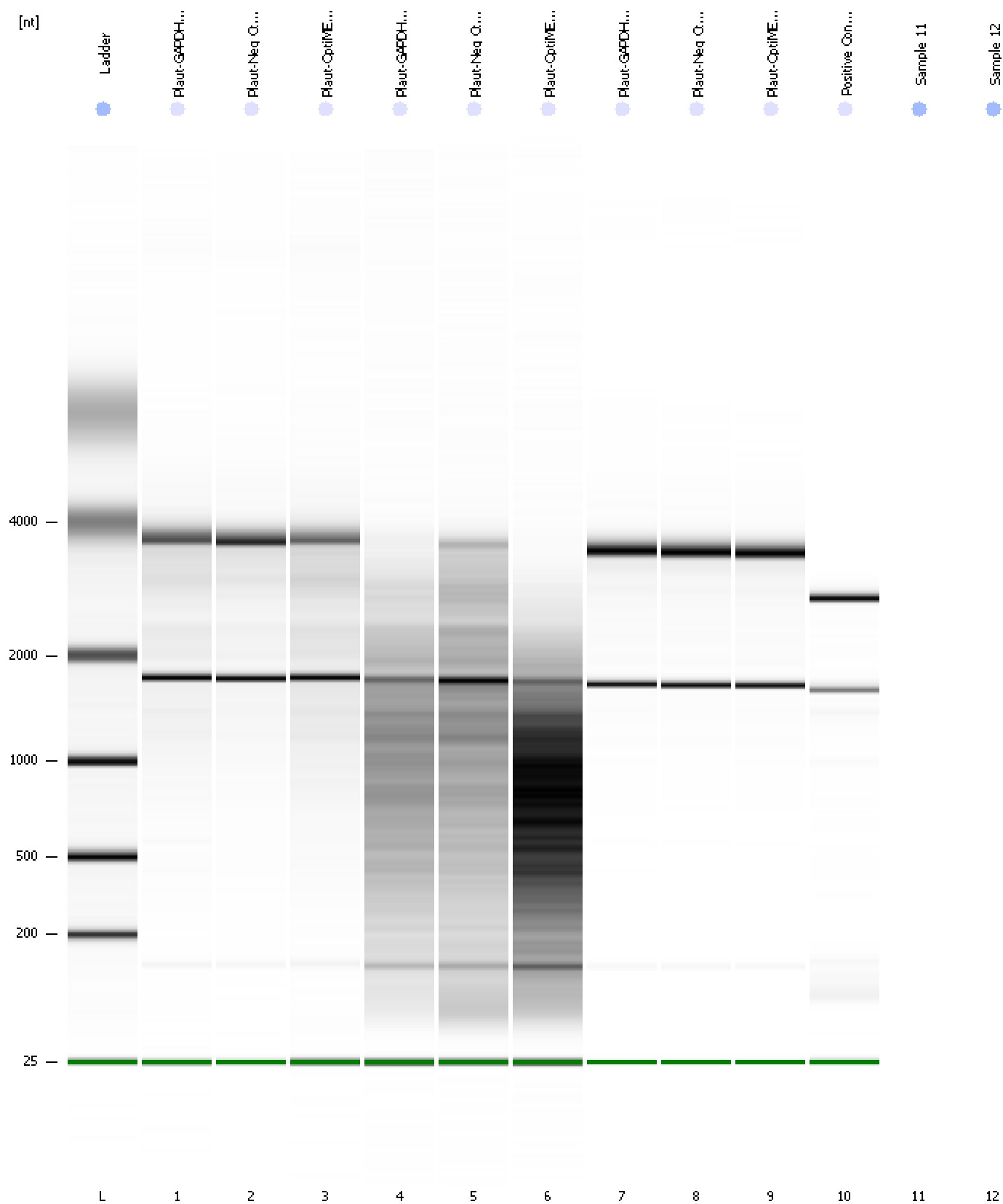
RNA Area:	95.2	RNA Integrity Number (RIN):	9.6 (B.02.08)
RNA Concentration:	49 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.9	Result Flagging Label:	RIN: 9.60

Fragment table for sample 10 : Positive Control

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,620	1,904	21.6	22.7
28S	2,599	3,410	41.9	43.9

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2012-06-05_13-57-10.xad

Created: 6/5/2012 1:57:10 PM
Modified: 6/5/2012 2:17:38 PM

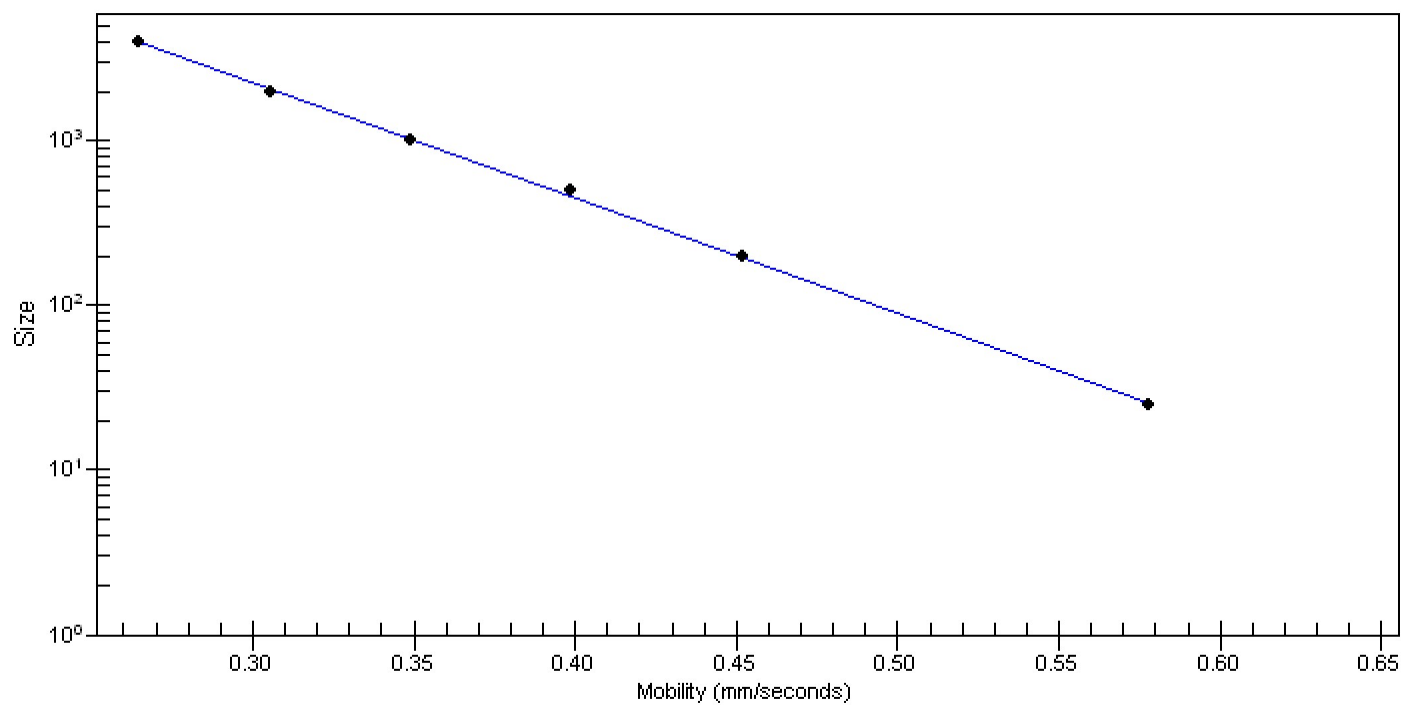
Gel Image

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2012-06-05_13-57-10.xad

Created: 6/5/2012 1:57:10 PM
Modified: 6/5/2012 2:17:38 PM

Curves

Standard Curve



Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2012-06-05_13-57-10.xad

Created: 6/5/2012 1:57:10 PM
Modified: 6/5/2012 2:17:38 PM

Invalid Samples

Sample 11 has not been run, no results available.

Sample 12 has not been run, no results available.