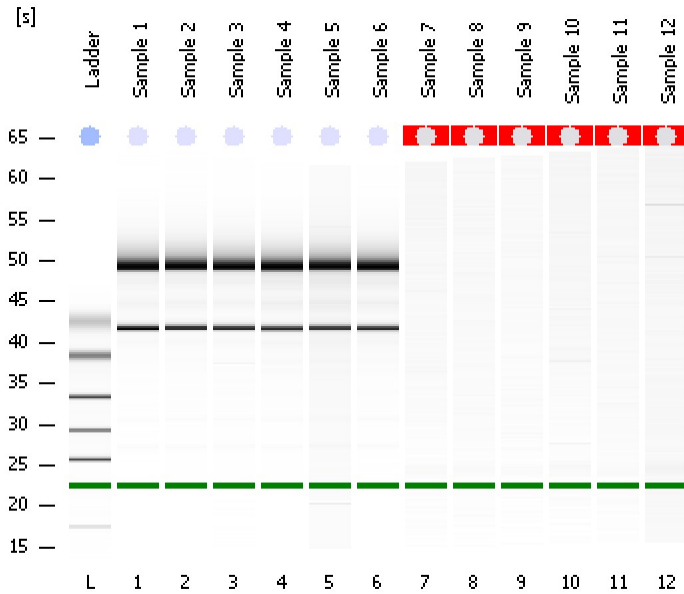


Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...pert_Eukaryote Total RNA Nano_DE13701086_2014-04-25_001.xad

Created: 4/25/2014 3:40:21 PM
Modified: 4/25/2014 4:04:10 PM

Electrophoresis File Run Summary



Instrument Information:

Instrument Name: DE13701086 Firmware: C.01.069
Serial#: DE13701086 Type: G2938B

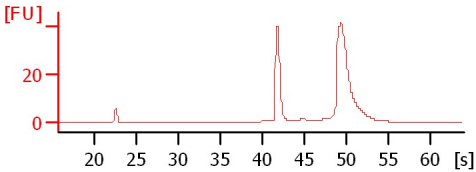
Assay Information:

Assay Origin Path: C:\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)
© Copyright 2003 - 2009 Agilent Technologies, Inc.

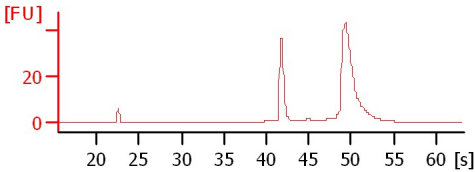
Chip Information:

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

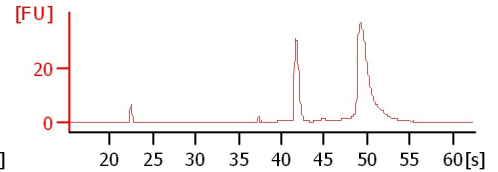
Sample 1
RIN:10



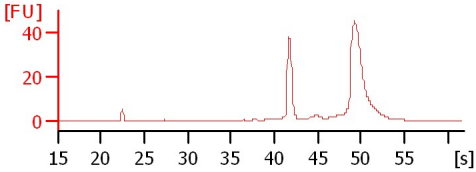
Sample 2
RIN:10



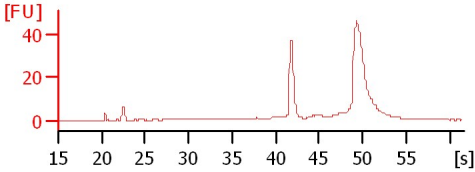
Sample 3
RIN:10



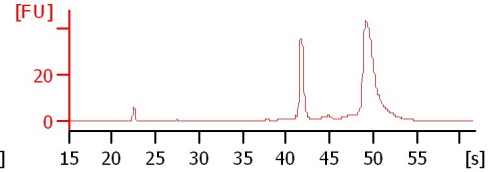
Sample 4
RIN:10



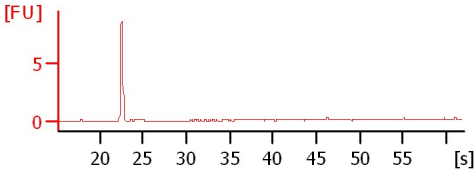
Sample 5
RIN:10



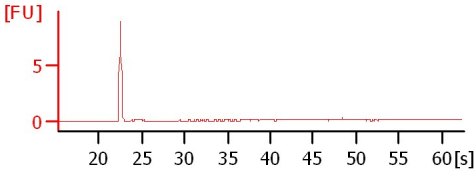
Sample 6
RIN:10



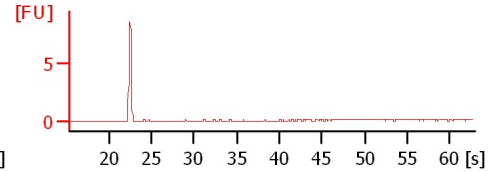
Sample 7
RIN N/A



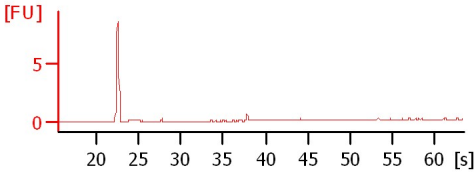
Sample 8
RIN N/A



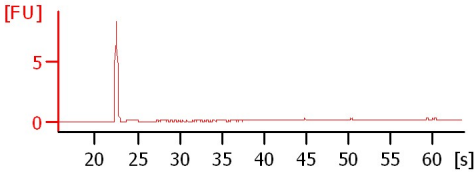
Sample 9
RIN N/A



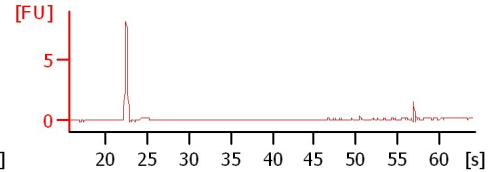
Sample 10
RIN N/A



Sample 11
RIN N/A



Sample 12
RIN N/A



Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...pert_Eukaryote Total RNA Nano_DE13701086_2014-04-25_001.xad

Created: 4/25/2014 3:40:21 PM
 Modified: 4/25/2014 4:04:10 PM

Electrophoresis File Run Summary (Chip Summary)

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

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...pert_Eukaryote Total RNA Nano_DE13701086_2014-04-25_001.xad

Created: 4/25/2014 3:40:21 PM
Modified: 4/25/2014 4:04:10 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

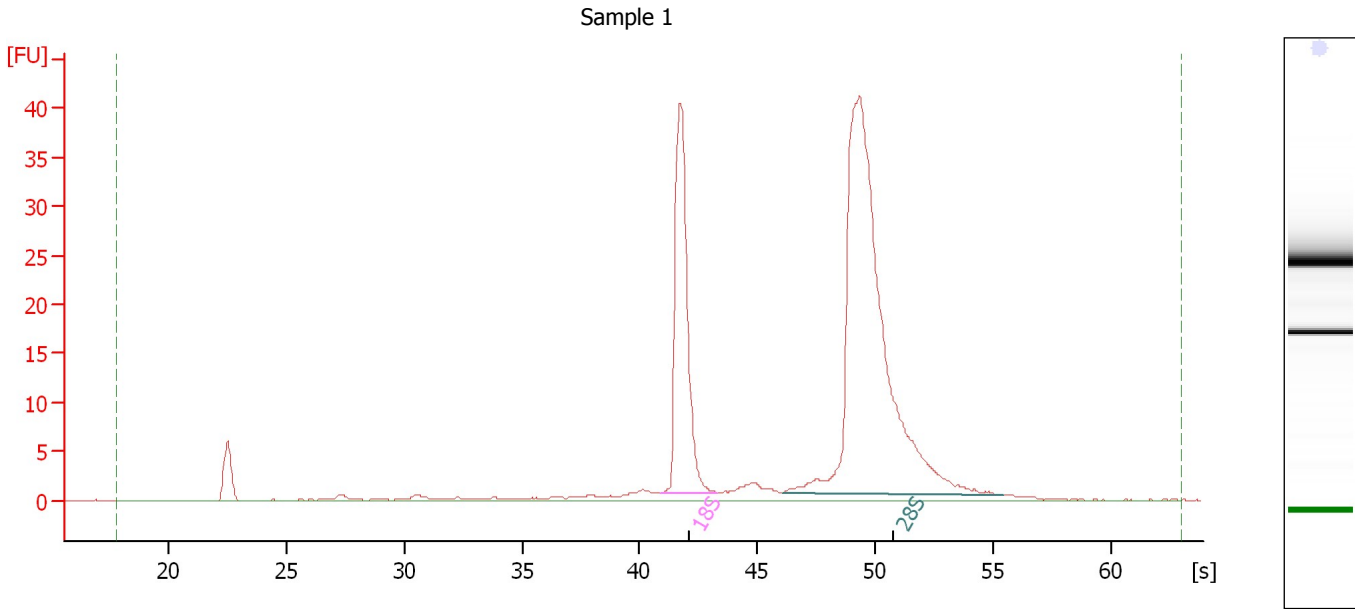
Ladder

Ladder Peak	Size
1	25
2	200
3	500
4	1000
5	2000
6	4000

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...pert_Eukaryote Total RNA Nano_DE13701086_2014-04-25_001.xad

Created: 4/25/2014 3:40:21 PM
 Modified: 4/25/2014 4:04:10 PM

Electropherogram Summary



Overall Results for sample 1 : Sample 1

RNA Area:	237.2	RNA Integrity Number (RIN):	10 (B.02.08)
RNA Concentration:	138 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	2.5	Result Flagging Label:	RIN:10

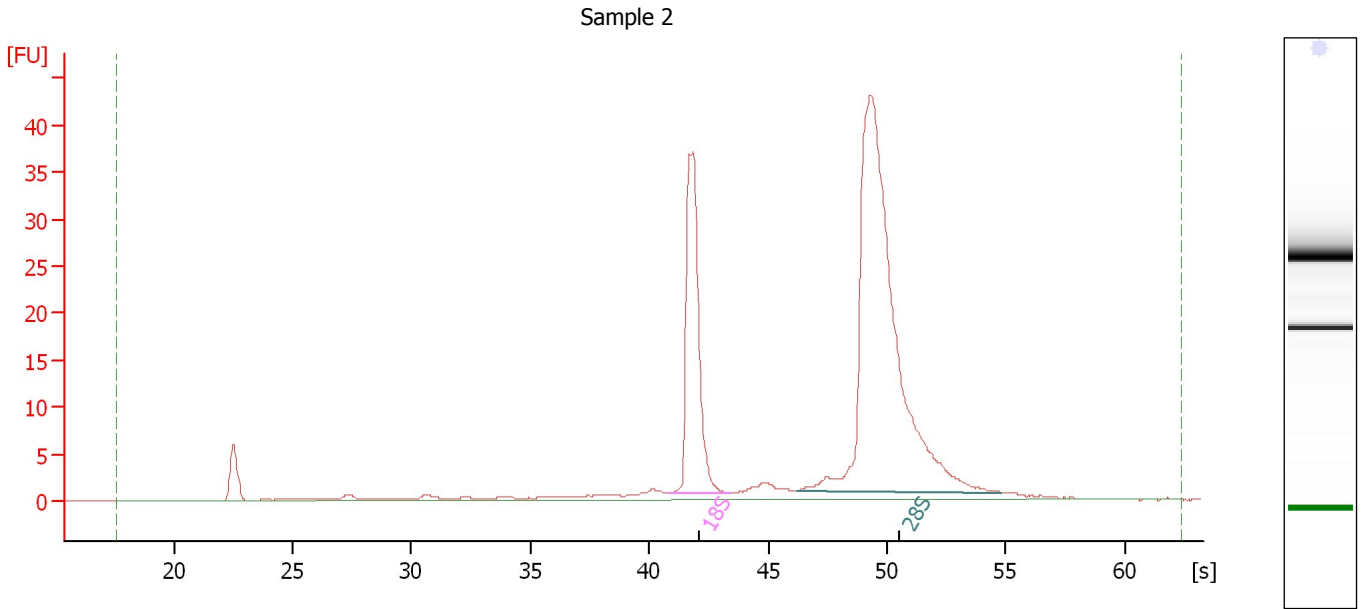
Fragment table for sample 1 : Sample 1

Name	Start Time [s]	End Time [s]	Area	% of total Area
18S	40.94	43.31	56.3	23.7
28S	46.10	55.41	141.9	59.8

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...pert_Eukaryote Total RNA Nano_DE13701086_2014-04-25_001.xad

Created: 4/25/2014 3:40:21 PM
 Modified: 4/25/2014 4:04:10 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : Sample 2

RNA Area:	237.8	RNA Integrity Number (RIN):	10 (B.02.08)
RNA Concentration:	139 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	2.7	Result Flagging Label:	RIN:10

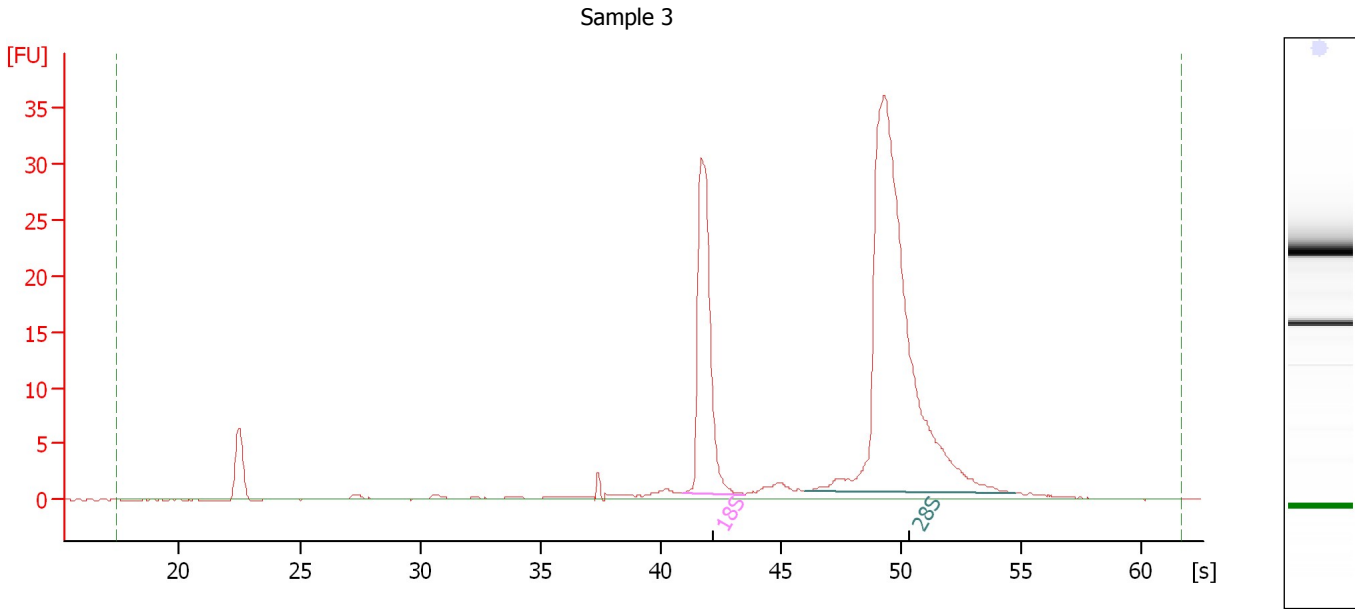
Fragment table for sample 2 : Sample 2

Name	Start Time [s]	End Time [s]	Area	% of total Area
18S	40.80	43.46	52.3	22.0
28S	46.22	54.76	140.3	59.0

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...pert_Eukaryote Total RNA Nano_DE13701086_2014-04-25_001.xad

Created: 4/25/2014 3:40:21 PM
 Modified: 4/25/2014 4:04:10 PM

Electropherogram Summary Continued ...



Overall Results for sample 3 : Sample 3

RNA Area:	190.8	RNA Integrity Number (RIN):	10 (B.02.08)
RNA Concentration:	111 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	2.7	Result Flagging Label:	RIN:10

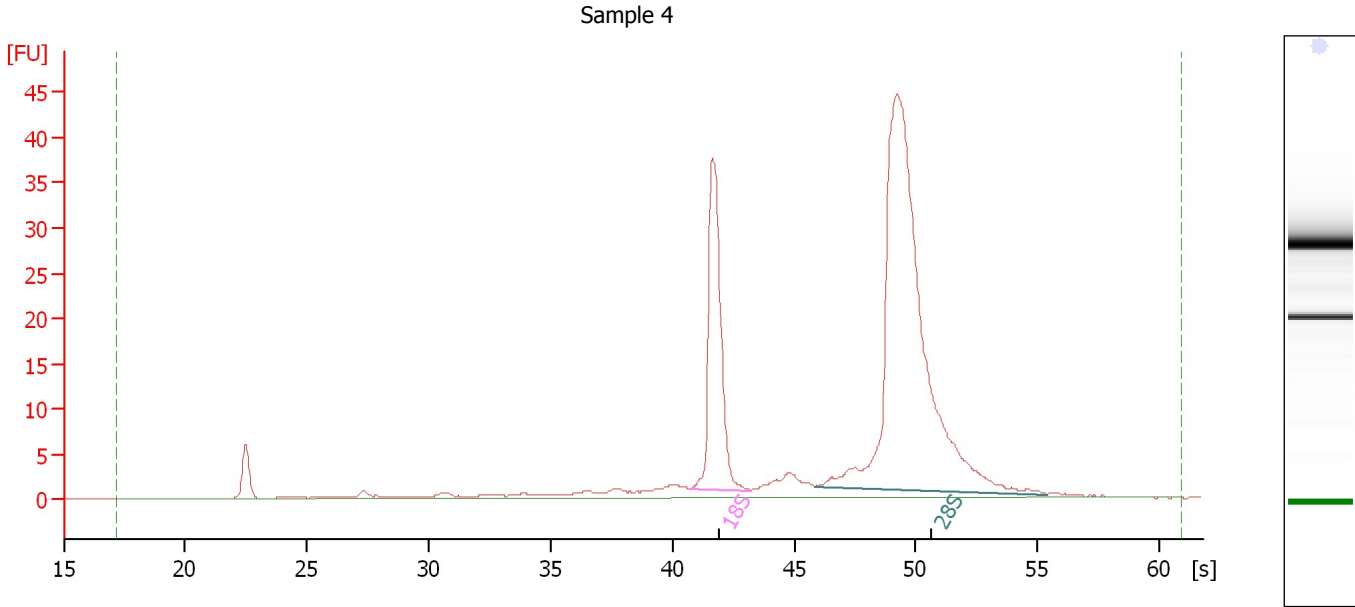
Fragment table for sample 3 : Sample 3

Name	Start Time [s]	End Time [s]	Area	% of total Area
18S	40.94	43.48	42.5	22.3
28S	45.98	54.69	115.4	60.5

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...pert_Eukaryote Total RNA Nano_DE13701086_2014-04-25_001.xad

Created: 4/25/2014 3:40:21 PM
 Modified: 4/25/2014 4:04:10 PM

Electropherogram Summary Continued ...



Overall Results for sample 4 : Sample 4

RNA Area:	261.2	RNA Integrity Number (RIN):	10 (B.02.08)
RNA Concentration:	152 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	2.9	Result Flagging Label:	RIN:10

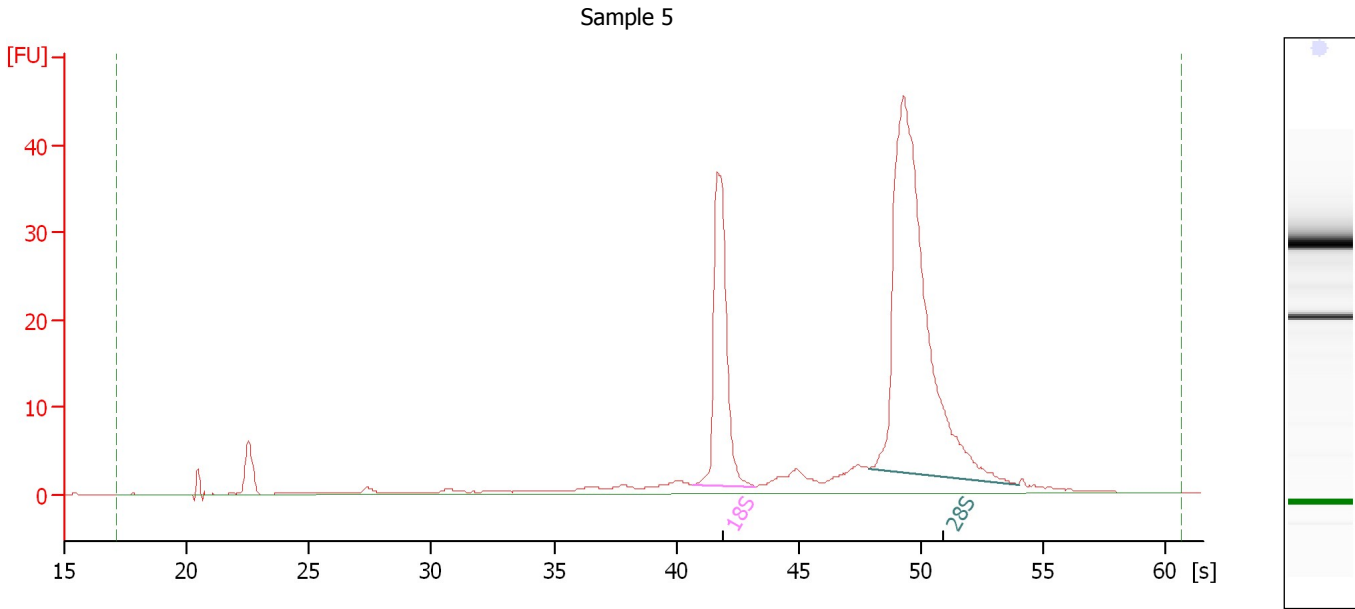
Fragment table for sample 4 : Sample 4

Name	Start Time [s]	End Time [s]	Area	% of total Area
18S	40.68	43.24	52.8	20.2
28S	45.88	55.37	152.6	58.4

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...pert_Eukaryote Total RNA Nano_DE13701086_2014-04-25_001.xad

Created: 4/25/2014 3:40:21 PM
 Modified: 4/25/2014 4:04:10 PM

Electropherogram Summary Continued ...



Overall Results for sample 5 : Sample 5

RNA Area:	260.4	RNA Integrity Number (RIN):	10 (B.02.08)
RNA Concentration:	152 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	2.5	Result Flagging Label:	RIN:10

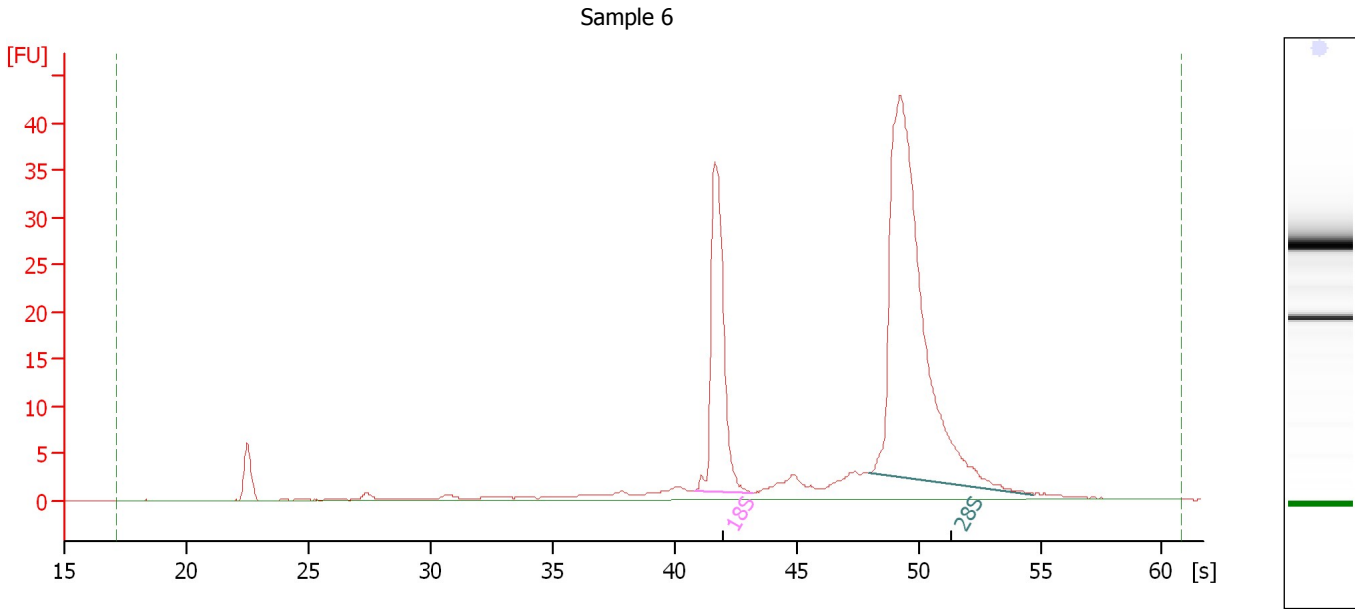
Fragment table for sample 5 : Sample 5

Name	Start Time [s]	End Time [s]	Area	% of total Area
18S	40.69	43.24	51.4	19.7
28S	47.86	54.01	130.8	50.2

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...pert_Eukaryote Total RNA Nano_DE13701086_2014-04-25_001.xad

Created: 4/25/2014 3:40:21 PM
 Modified: 4/25/2014 4:04:10 PM

Electropherogram Summary Continued ...



Overall Results for sample 6 : Sample 6

RNA Area:	245.3	RNA Integrity Number (RIN):	10 (B.02.08)
RNA Concentration:	143 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	2.5	Result Flagging Label:	RIN:10

Fragment table for sample 6 : Sample 6

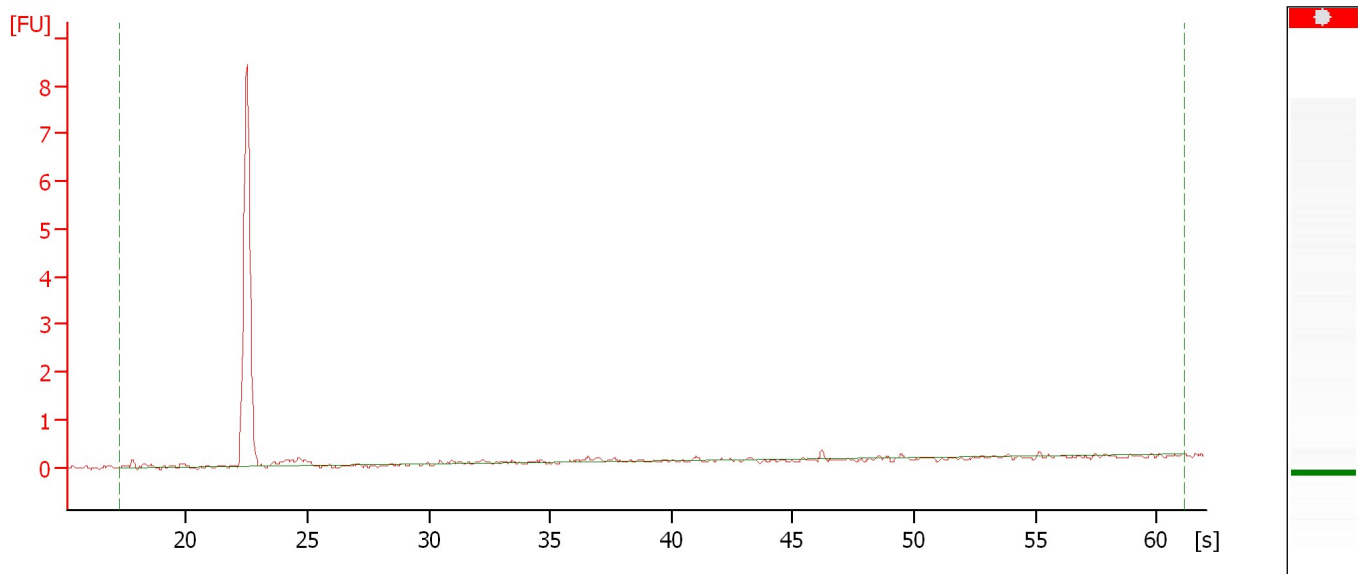
Name	Start Time [s]	End Time [s]	Area	% of total Area
18S	40.82	43.19	50.2	20.5
28S	47.99	54.73	124.6	50.8

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...pert_Eukaryote Total RNA Nano_DE13701086_2014-04-25_001.xad

Created: 4/25/2014 3:40:21 PM
 Modified: 4/25/2014 4:04:10 PM

Electropherogram Summary Continued ...

Sample 7



Overall Results for sample 7 : Sample 7

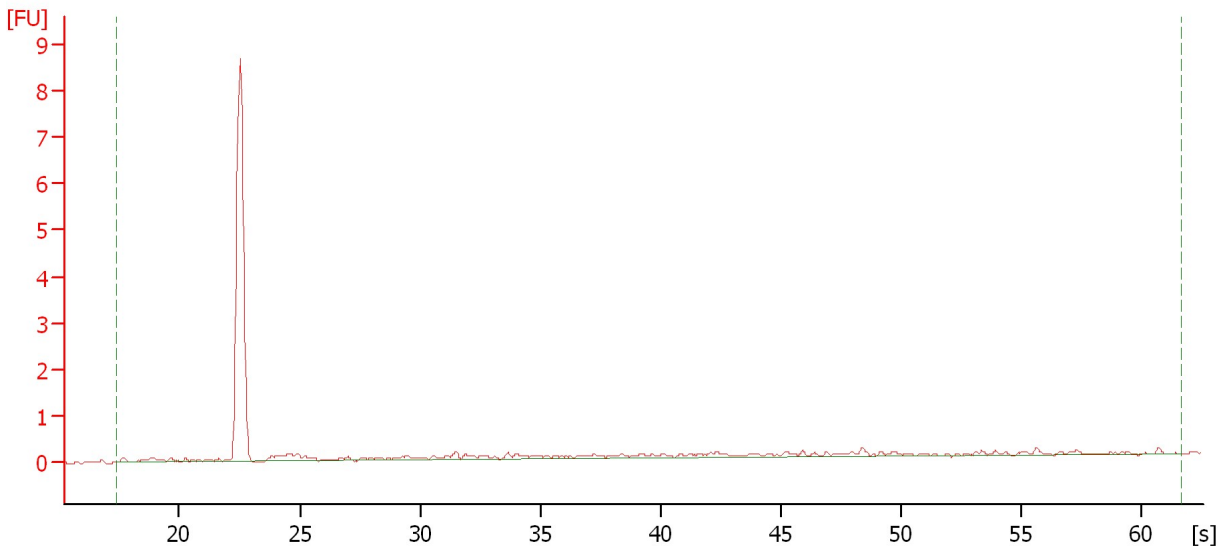
RNA Area:	2.8	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	2 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...pert_Eukaryote Total RNA Nano_DE13701086_2014-04-25_001.xad

Created: 4/25/2014 3:40:21 PM
Modified: 4/25/2014 4:04:10 PM

Electropherogram Summary Continued ...

Sample 8



Overall Results for sample 8 : Sample 8

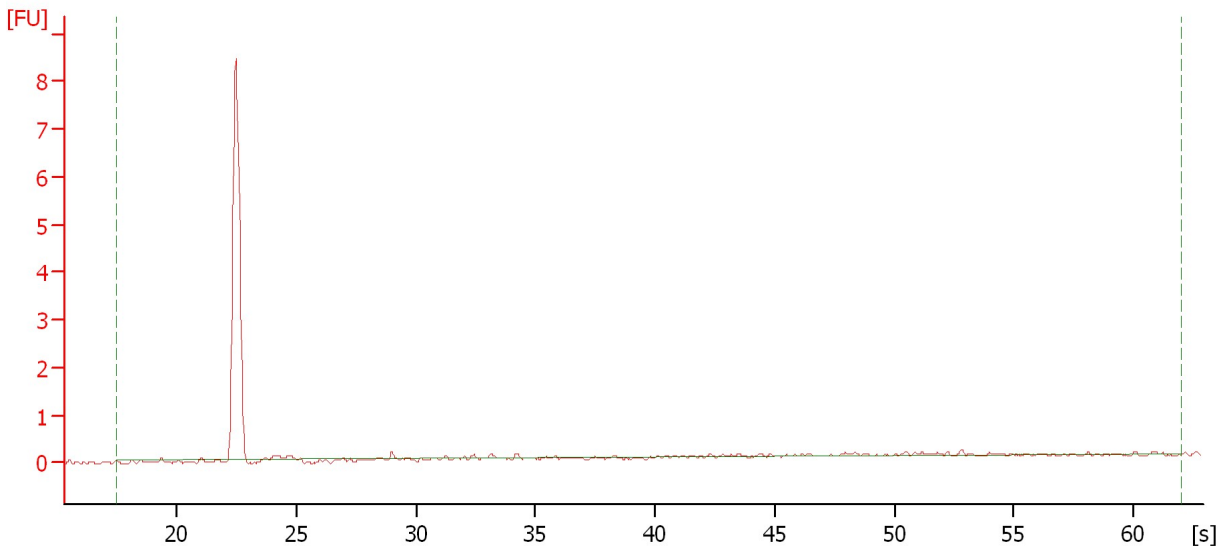
RNA Area:	5.5	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	3 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...pert_Eukaryote Total RNA Nano_DE13701086_2014-04-25_001.xad

Created: 4/25/2014 3:40:21 PM
Modified: 4/25/2014 4:04:10 PM

Electropherogram Summary Continued ...

Sample 9



Overall Results for sample 9 : Sample 9

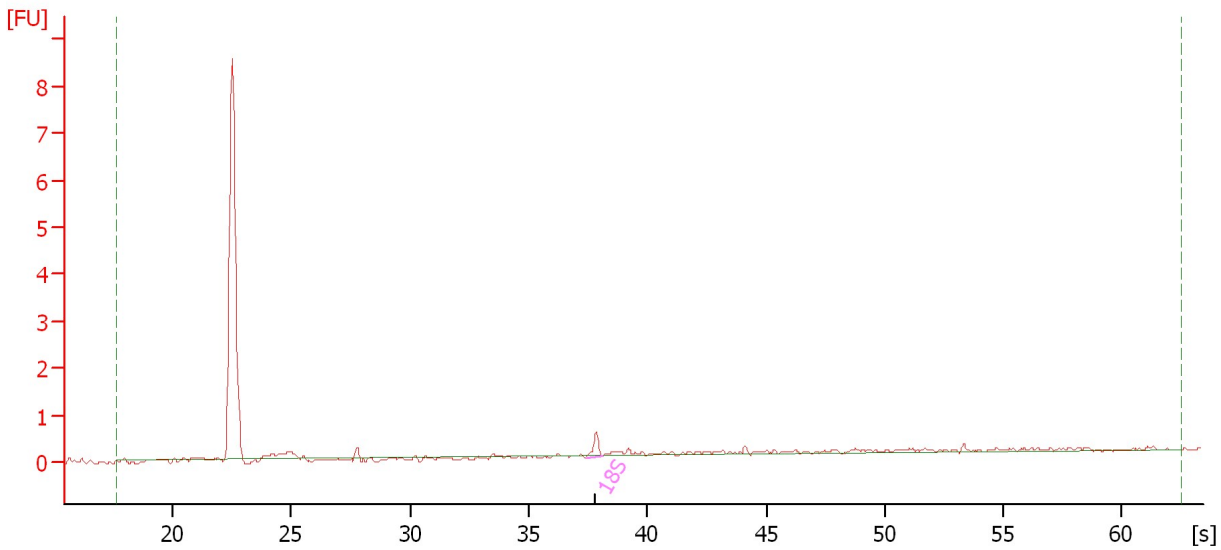
RNA Area:	2.0	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	1 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...pert_Eukaryote Total RNA Nano_DE13701086_2014-04-25_001.xad

Created: 4/25/2014 3:40:21 PM
 Modified: 4/25/2014 4:04:10 PM

Electropherogram Summary Continued ...

Sample 10



Overall Results for sample 10 : Sample 10

RNA Area:	4.0	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	2 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

Fragment table for sample 10 : Sample 10

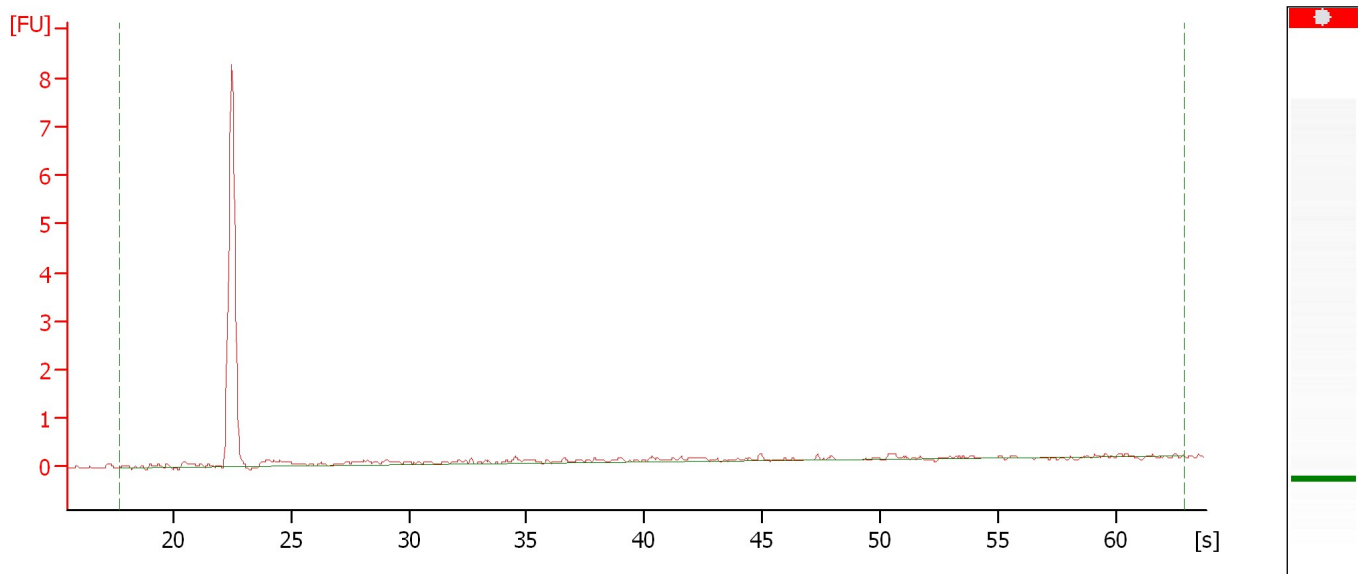
Name	Start Time [s]	End Time [s]	Area	% of total Area
18S	37.44	38.12	0.4	8.8

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...pert_Eukaryote Total RNA Nano_DE13701086_2014-04-25_001.xad

Created: 4/25/2014 3:40:21 PM
 Modified: 4/25/2014 4:04:10 PM

Electropherogram Summary Continued ...

Sample 11



Overall Results for sample 11 : Sample 11

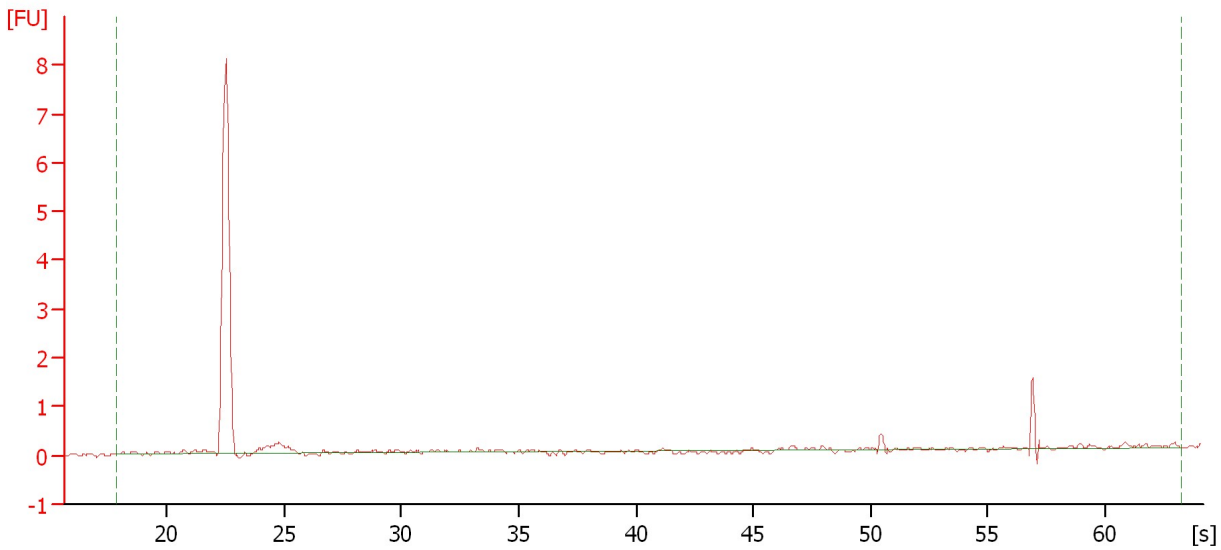
RNA Area:	2.6	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	2 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...pert_Eukaryote Total RNA Nano_DE13701086_2014-04-25_001.xad

Created: 4/25/2014 3:40:21 PM
Modified: 4/25/2014 4:04:10 PM

Electropherogram Summary Continued ...

Sample 12



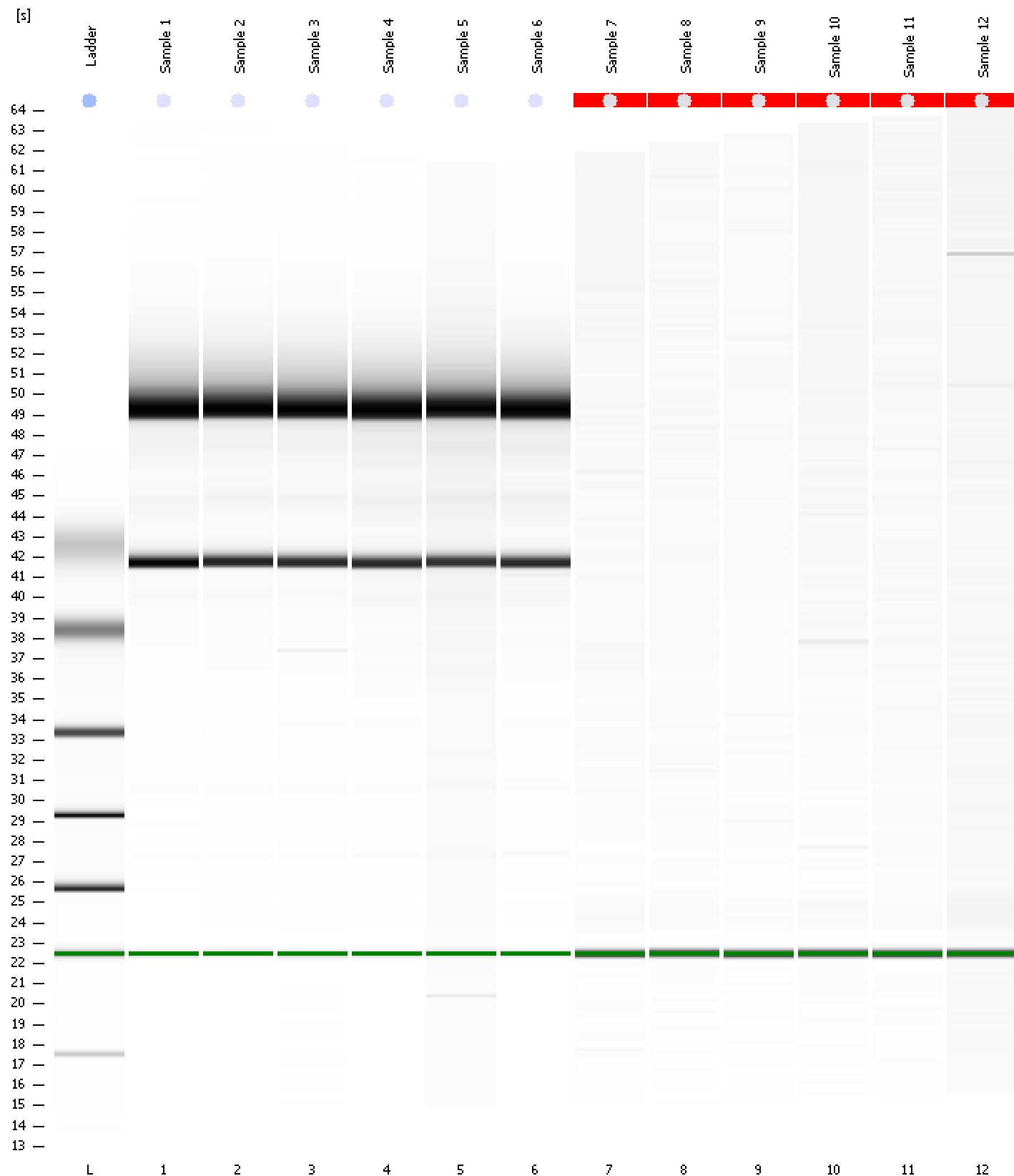
Overall Results for sample 12 : Sample 12

RNA Area:	2.3	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	1 ng/μl	Result Flagging Color:	<input type="checkbox"/>
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...pert_Eukaryote Total RNA Nano_DE13701086_2014-04-25_001.xad

Created: 4/25/2014 3:40:21 PM
Modified: 4/25/2014 4:04:10 PM

Gel Image



Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...pert_Eukaryote Total RNA Nano_DE13701086_2014-04-25_001.xad

Created: 4/25/2014 3:40:21 PM
Modified: 4/25/2014 4:04:10 PM

Curves

Standard Curve

