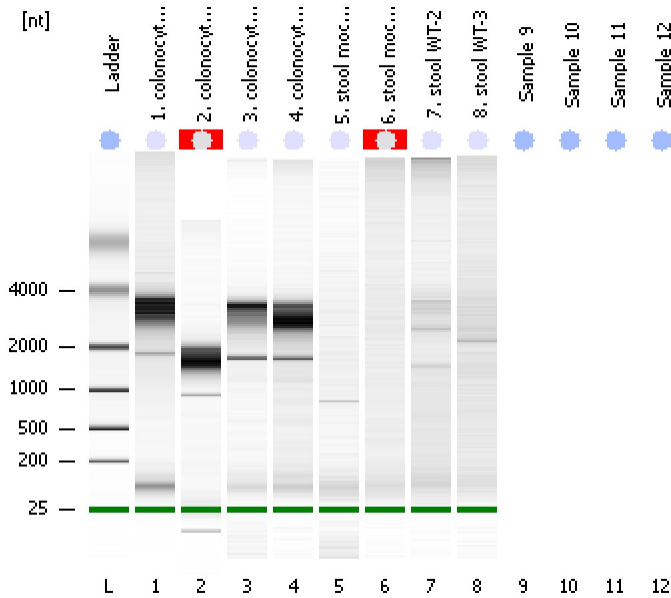


Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-11-03\2017-11-03_001.xad

Created: 11/3/2017 7:17:49 AM
 Modified: 11/3/2017 7:36:08 AM

Electrophoresis File Run Summary



Instrument Information:

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

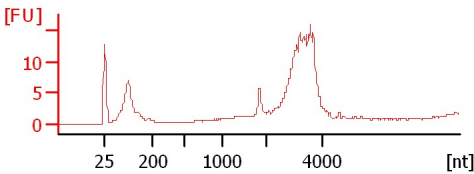
Assay Information:

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.

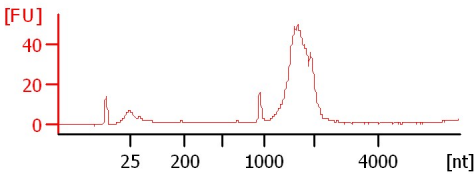
Chip Information:

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

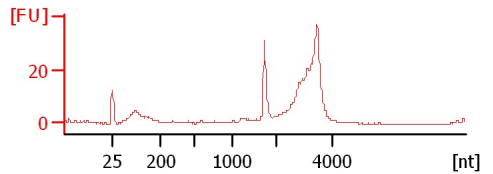
1. colonocytes mock-1
 QC 212
 RIN: 3.60



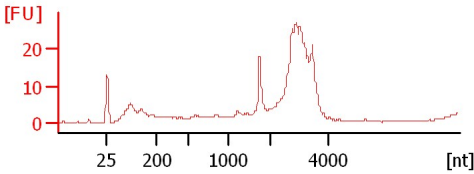
2. colonocytes mock-3
 QC 212
 RIN N/A



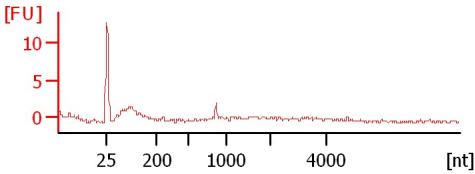
3. colonocytes WT-2
 QC 212
 RIN: 8.30



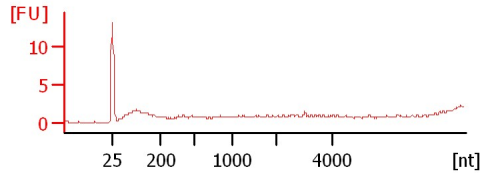
4. colonocytes WT-3
 QC 212
 RIN: 4.20



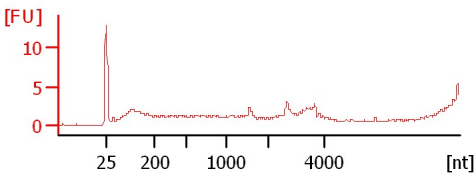
5. stool mock-1
 QC 212
 RIN: 2.10



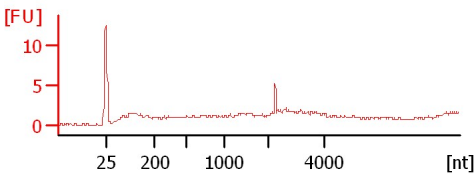
6. stool mock-3
 QC 212
 RIN N/A



7. stool WT-2
 QC 212
 RIN: 3.40



8. stool WT-3
 QC 212
 RIN: 4.30



Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2017-11-03\2017-11-03_001.xad

Created: 11/3/2017 7:17:49 AM
Modified: 11/3/2017 7:36:08 AM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
1. colonocytes mock-1	QC 212	✓	RIN: 3.60	
2. colonocytes mock-3	QC 212	✓	RIN N/A	
3. colonocytes WT-2	QC 212	✓	RIN: 8.30	
4. colonocytes WT-3	QC 212	✓	RIN: 4.20	
5. stool mock-1	QC 212	✓	RIN: 2.10	
6. stool mock-3	QC 212	✓	RIN N/A	
7. stool WT-2	QC 212	✓	RIN: 3.40	
8. stool WT-3	QC 212	✓	RIN: 4.30	
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: C:\... bioanalyzer\2100 expert\data\2017-11-03\2017-11-03_001.xad

Created: 11/3/2017 7:17:49 AM
Modified: 11/3/2017 7:36:08 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

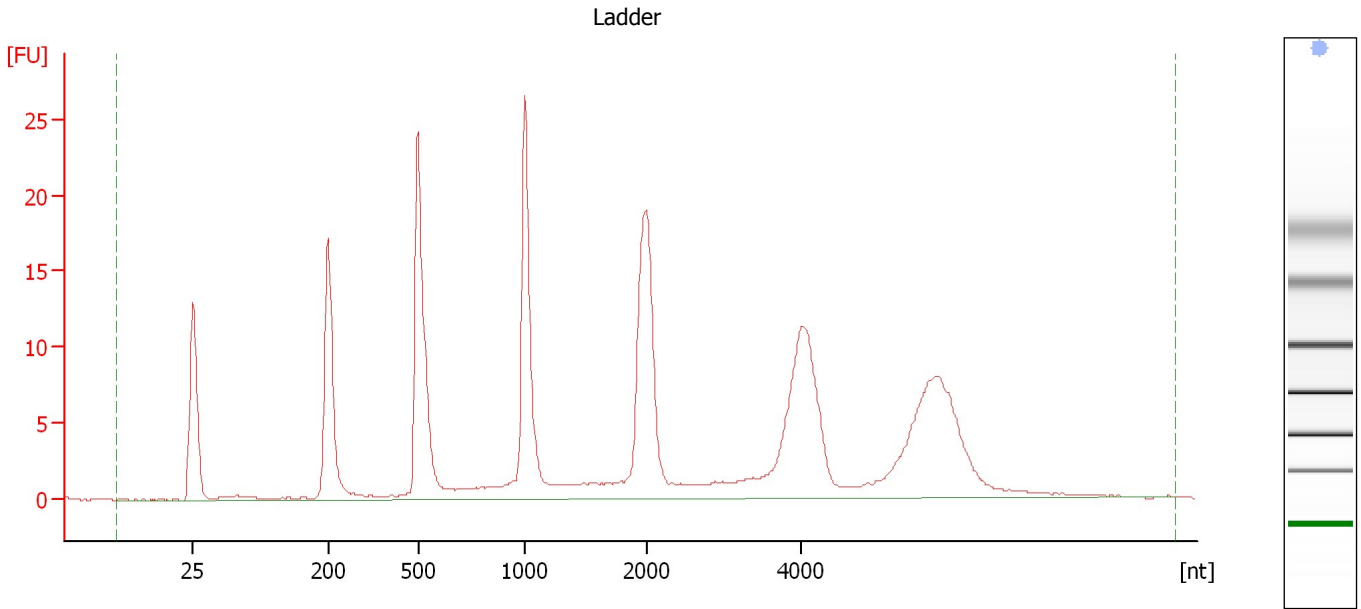
Ladder

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

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2017-11-03\2017-11-03_001.xad

Created: 11/3/2017 7:17:49 AM
Modified: 11/3/2017 7:36:08 AM

Electropherogram Summary



Overall Results for Ladder

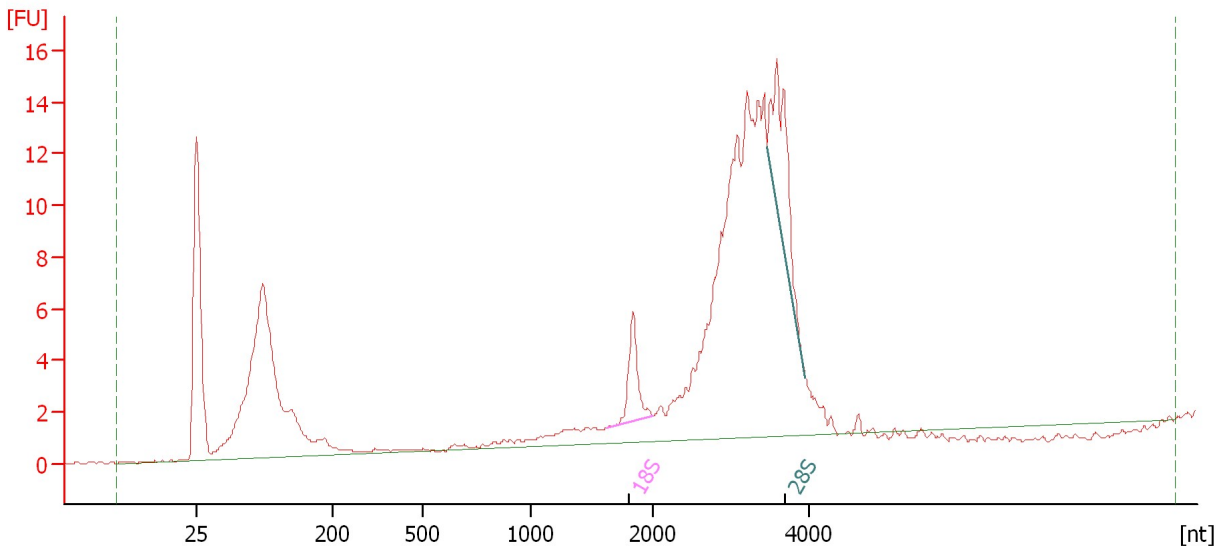
RNA Area:	239.8	Result Flagging Color:	
RNA Concentration:	150 ng/ μ l	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2017-11-03\2017-11-03_001.xad

Created: 11/3/2017 7:17:49 AM
Modified: 11/3/2017 7:36:08 AM

Electropherogram Summary Continued ...

1. colonocytes mock-1 [QC 212]



Overall Results for sample 1 : 1. colonocytes mock-1

RNA Area: 166.0 RNA Integrity Number (RIN): 3.6 (B.02.08)
RNA Concentration: 104 ng/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 2.0 Result Flagging Label: RIN: 3.60

Fragment table for sample 1 : 1. colonocytes mock-1

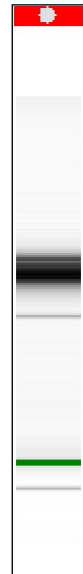
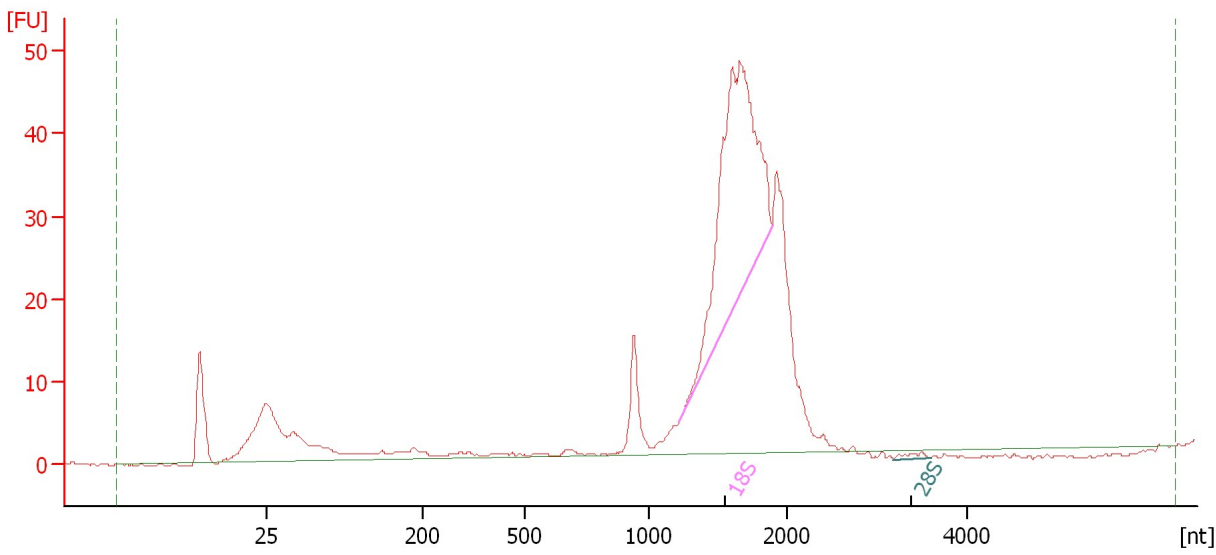
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,632	2,016	4.7	2.8
28S	3,473	3,949	9.3	5.6

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2017-11-03\2017-11-03_001.xad

Created: 11/3/2017 7:17:49 AM
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Electropherogram Summary Continued ...

2. colonocytes mock-3 [QC 212]



Overall Results for sample 2 : 2. colonocytes mock-3

RNA Area: 402.4 RNA Integrity Number (RIN): N/A (B.02.08)
RNA Concentration: 252 ng/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 0.0 Result Flagging Label: RIN N/A

Fragment table for sample 2 : 2. colonocytes mock-3

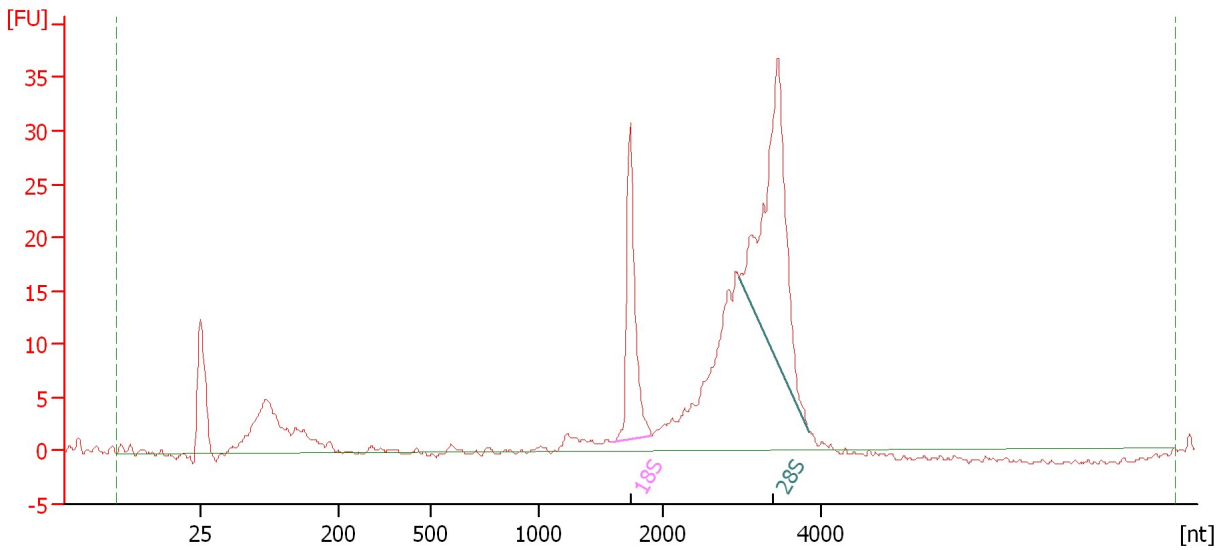
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,219	1,888	113.9	28.3
28S	3,186	3,591	1.5	0.4

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-11-03\2017-11-03_001.xad

Created: 11/3/2017 7:17:49 AM
 Modified: 11/3/2017 7:36:08 AM

Electropherogram Summary Continued ...

3. colonocytes WT-2 [QC 212]



Overall Results for sample 3 : 3. colonocytes WT-2

RNA Area:	260.8	RNA Integrity Number (RIN):	8.3 (B.02.08)
RNA Concentration:	163 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	2.2	Result Flagging Label:	RIN: 8.30

Fragment table for sample 3 : 3. colonocytes WT-2

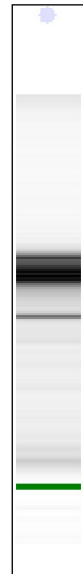
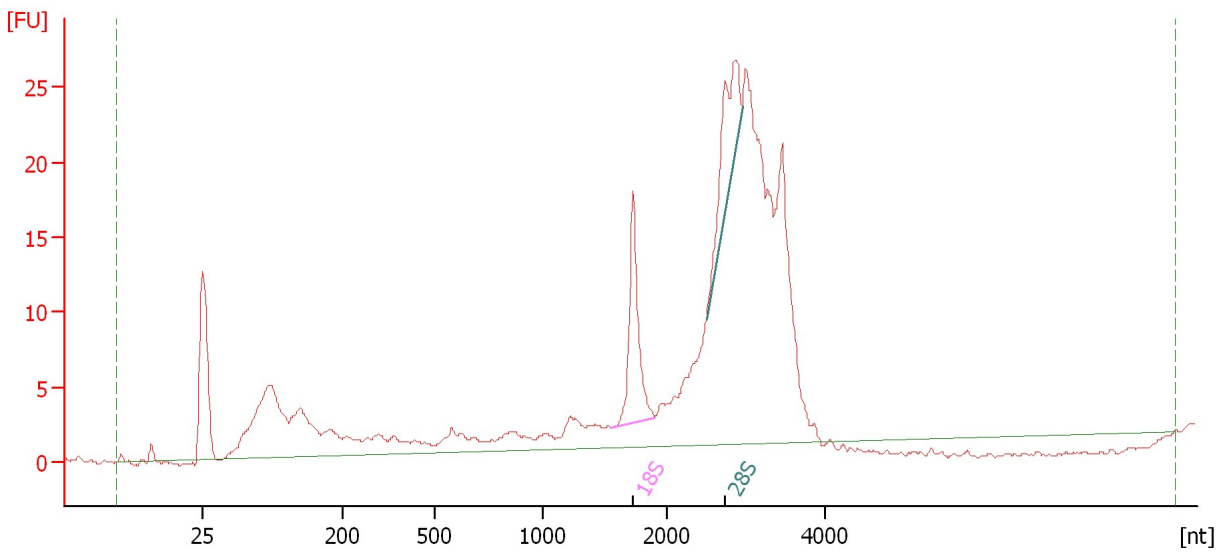
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,605	1,909	28.9	11.1
28S	2,978	3,853	62.9	24.1

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2017-11-03\2017-11-03_001.xad

Created: 11/3/2017 7:17:49 AM
Modified: 11/3/2017 7:36:08 AM

Electropherogram Summary Continued ...

4. colonocytes WT-3 [QC 212]



Overall Results for sample 4 : 4. colonocytes WT-3

RNA Area: 293.8 RNA Integrity Number (RIN): 4.2 (B.02.08)
RNA Concentration: 184 ng/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 0.9 Result Flagging Label: RIN: 4.20

Fragment table for sample 4 : 4. colonocytes WT-3

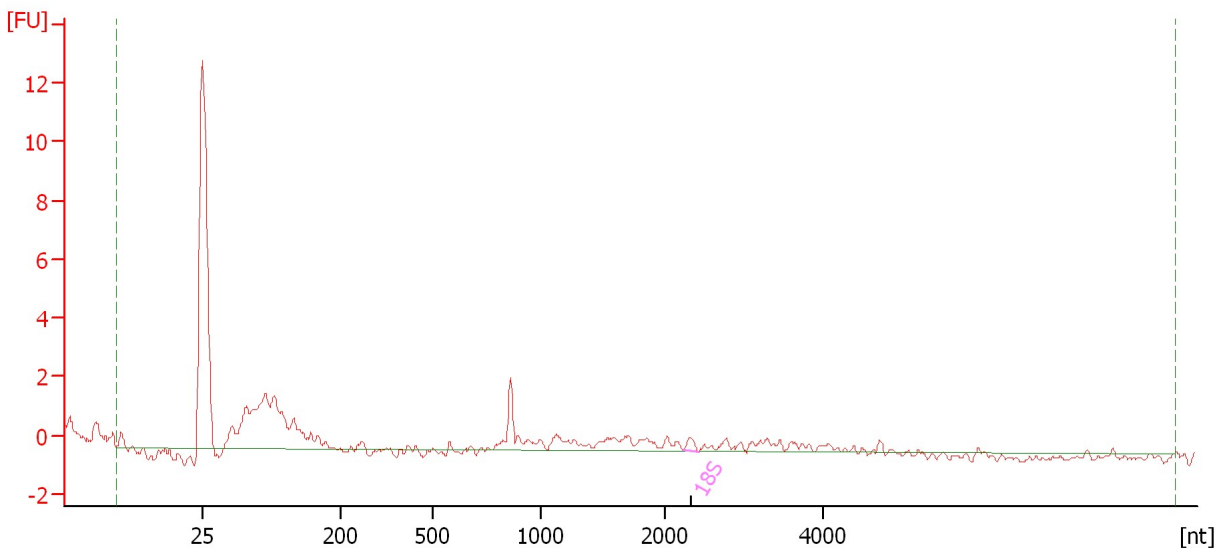
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,556	1,903	16.7	5.7
28S	2,506	2,949	14.2	4.8

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2017-11-03\2017-11-03_001.xad

Created: 11/3/2017 7:17:49 AM
Modified: 11/3/2017 7:36:08 AM

Electropherogram Summary Continued ...

5. stool mock-1 [QC 212]



Overall Results for sample 5 : 5. stool mock-1

RNA Area:	27.5	RNA Integrity Number (RIN):	2.1 (B.02.08)
RNA Concentration:	17 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.10

Fragment table for sample 5 : 5. stool mock-1

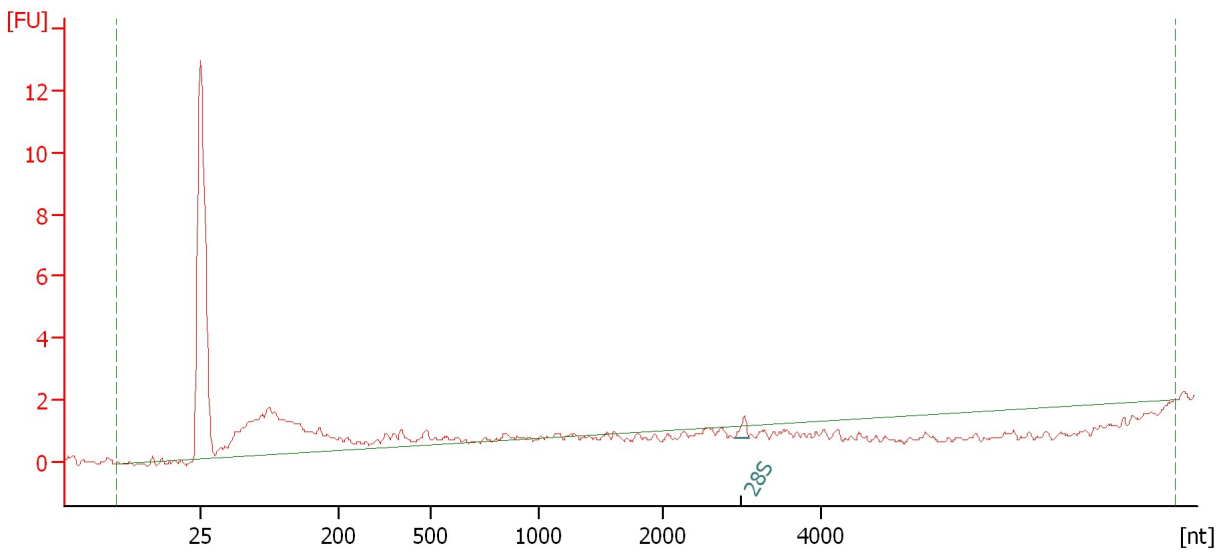
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	2,224	2,426	0.4	1.5

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-11-03\2017-11-03_001.xad

Created: 11/3/2017 7:17:49 AM
 Modified: 11/3/2017 7:36:08 AM

Electropherogram Summary Continued ...

6. stool mock-3 [QC 212]



Overall Results for sample 6 : 6. stool mock-3

RNA Area:	23.3	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	15 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

Fragment table for sample 6 : 6. stool mock-3

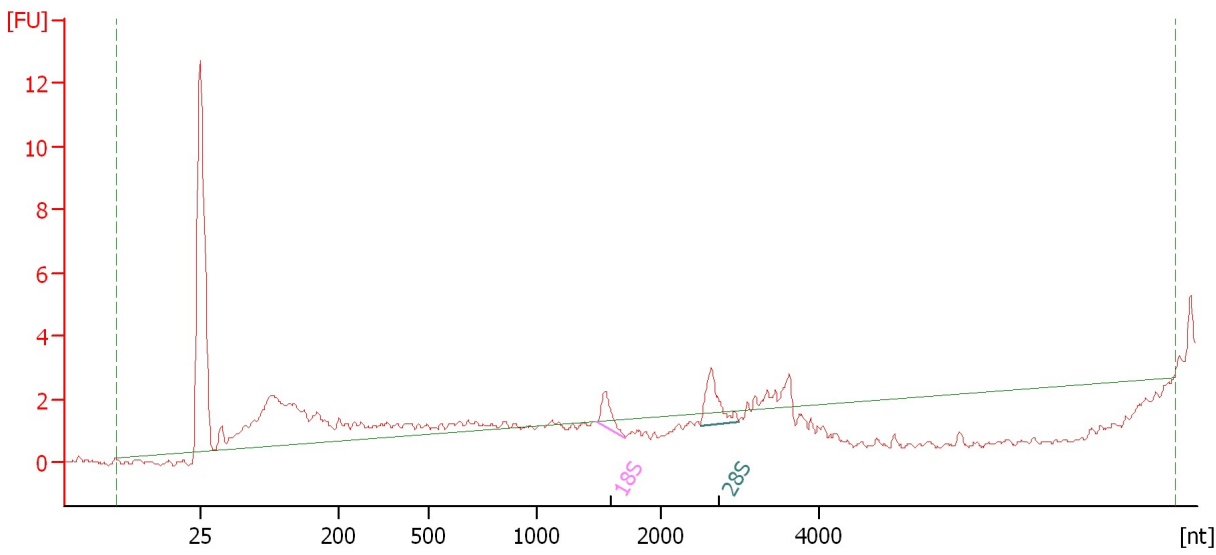
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
28S	2,924	3,085	0.4	1.8

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-11-03\2017-11-03_001.xad

Created: 11/3/2017 7:17:49 AM
 Modified: 11/3/2017 7:36:08 AM

Electropherogram Summary Continued ...

7. stool WT-2 [QC 212]



Overall Results for sample 7 : 7. stool WT-2

RNA Area:	30.3	RNA Integrity Number (RIN):	3.4 (B.02.08)
RNA Concentration:	19 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.7	Result Flagging Label:	RIN: 3.40

Fragment table for sample 7 : 7. stool WT-2

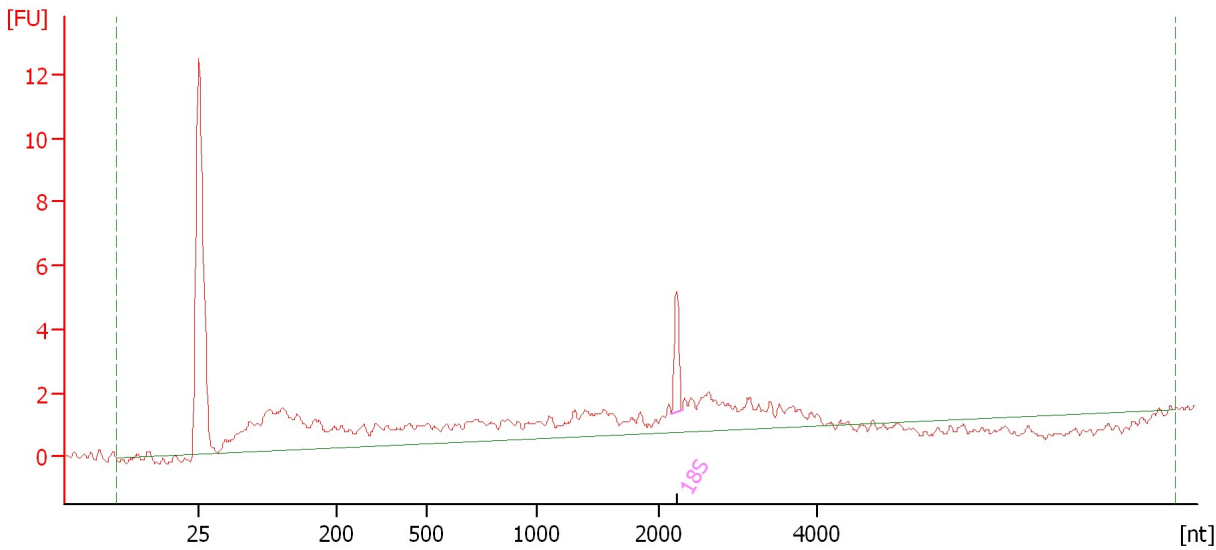
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,481	1,717	1.5	4.9
28S	2,506	2,992	2.5	8.2

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2017-11-03\2017-11-03_001.xad

Created: 11/3/2017 7:17:49 AM
Modified: 11/3/2017 7:36:08 AM

Electropherogram Summary Continued ...

8. stool WT-3 [QC 212]



Overall Results for sample 8 : 8. stool WT-3

RNA Area:	53.4	RNA Integrity Number (RIN):	4.3 (B.02.08)
RNA Concentration:	33 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 4.30

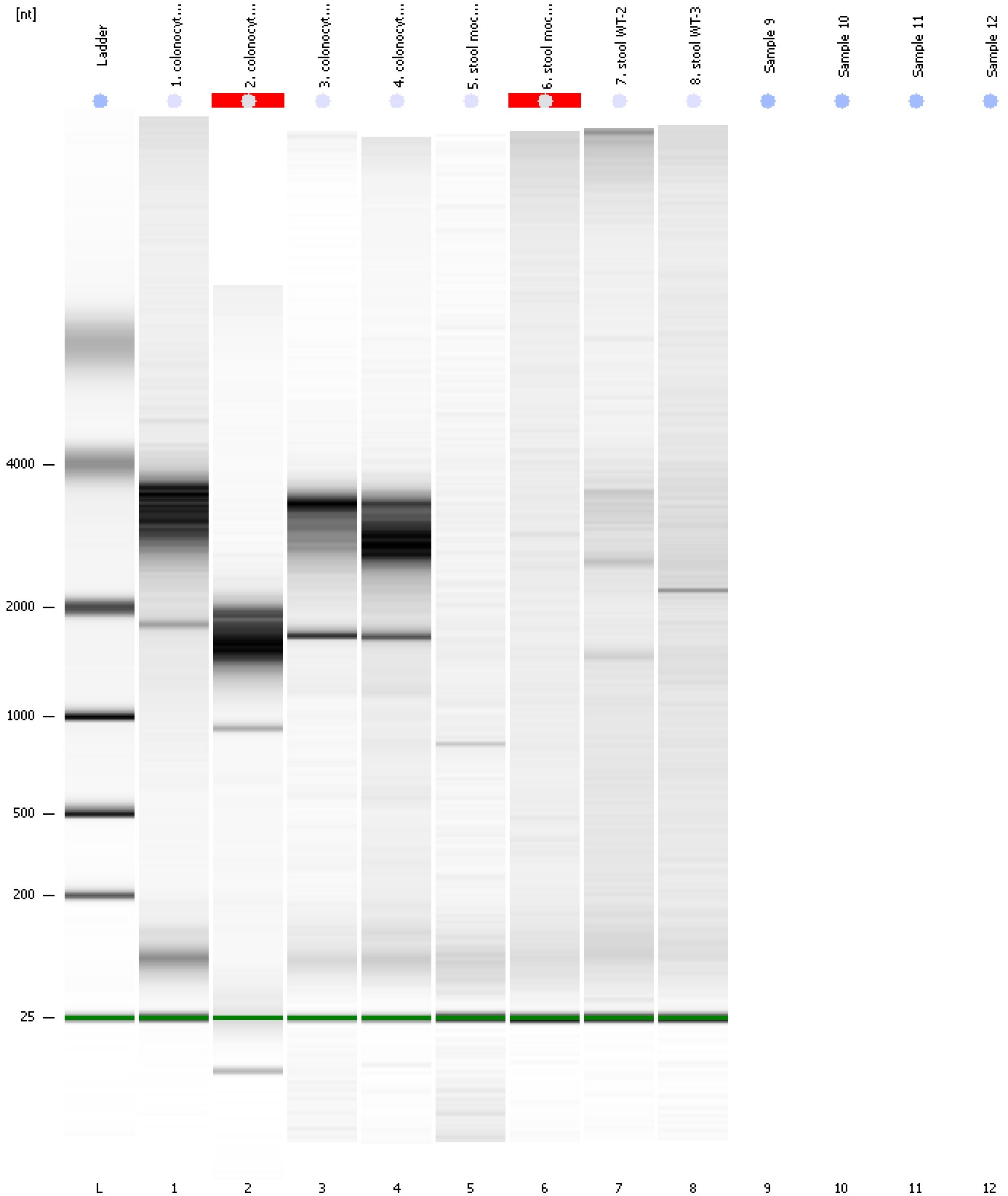
Fragment table for sample 8 : 8. stool WT-3

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	2,168	2,304	1.8	3.5

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2017-11-03\2017-11-03_001.xad

Created: 11/3/2017 7:17:49 AM
Modified: 11/3/2017 7:36:08 AM

Gel Image



Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2017-11-03\2017-11-03_001.xad

Created: 11/3/2017 7:17:49 AM
Modified: 11/3/2017 7:36:08 AM

Invalid Samples

Sample 9 has not been run, no results available.

Sample 10 has not been run, no results available.

Sample 11 has not been run, no results available.

Sample 12 has not been run, no results available.