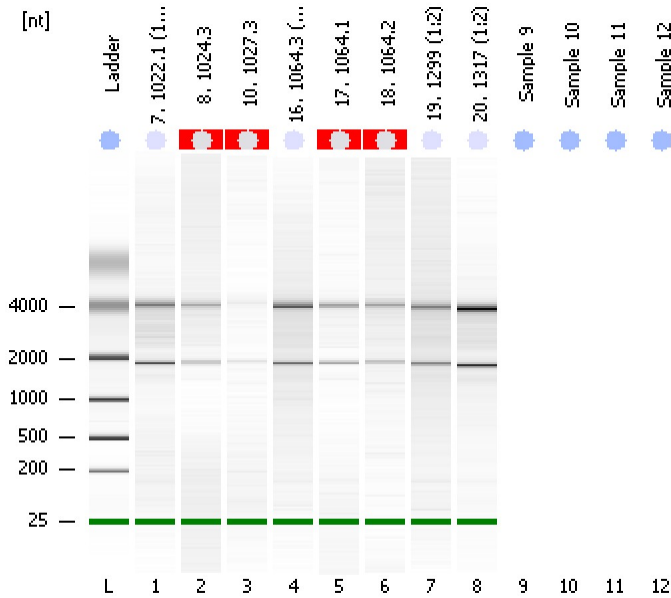


Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-07\2017-06-07_003.xad

Created: 6/7/2017 11:29:22 AM
Modified: 6/7/2017 11:47:44 AM

Electrophoresis File Run Summary



Instrument Information:

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

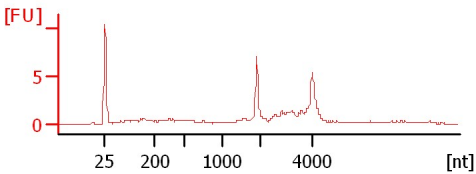
Assay Information:

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)
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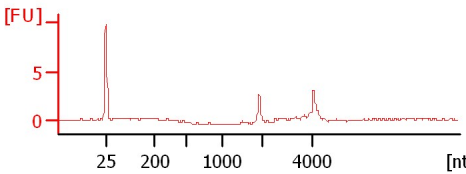
Chip Information:

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

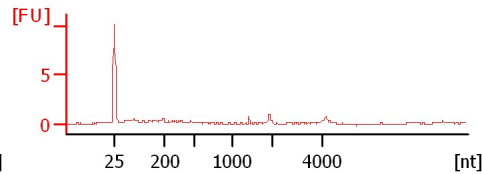
7. 1022.1 (1:2)
HiSeq_998
RIN: 7.90



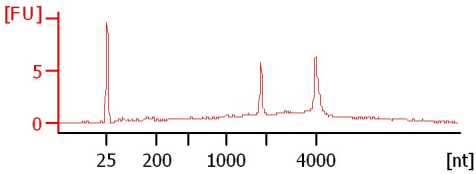
8. 1024.3
HiSeq_998
RIN N/A



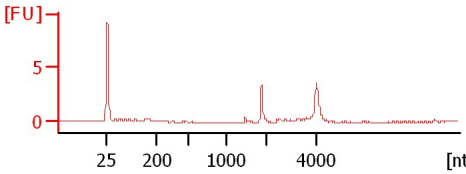
10. 1027.3
HiSeq_998
RIN N/A



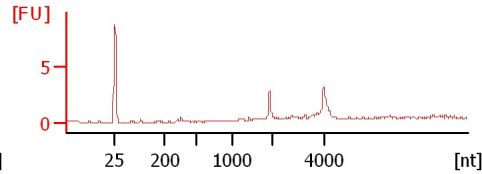
16. 1064.3 (1:2)
HiSeq_998
RIN: 7.10



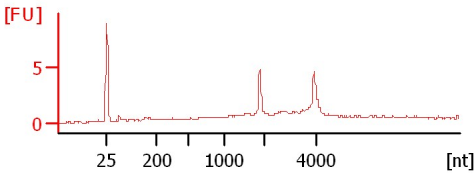
17. 1064.1
HiSeq_998
RIN N/A



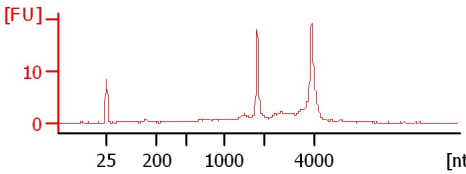
18. 1064.2
HiSeq_998
RIN N/A



19. 1299 (1:2)
HiSeq_998
RIN: 7.60



20. 1317 (1:2)
HiSeq_998
RIN: 8.30



Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-07\2017-06-07_003.xad

Created: 6/7/2017 11:29:22 AM
Modified: 6/7/2017 11:47:44 AM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
7. 1022.1 (1:2)	HiSeq_998	✓	RIN: 7.90	
8. 1024.3	HiSeq_998	✓	RIN N/A	
10. 1027.3	HiSeq_998	✓	RIN N/A	
16. 1064.3 (1:2)	HiSeq_998	✓	RIN: 7.10	
17. 1064.1	HiSeq_998	✓	RIN N/A	
18. 1064.2	HiSeq_998	✓	RIN N/A	
19. 1299 (1:2)	HiSeq_998	✓	RIN: 7.60	
20. 1317 (1:2)	HiSeq_998	✓	RIN: 8.30	
Sample 9				
Sample 10				
Sample 11				
Sample 12				
Ladder		✓	All Other Samples	

Chip Lot #

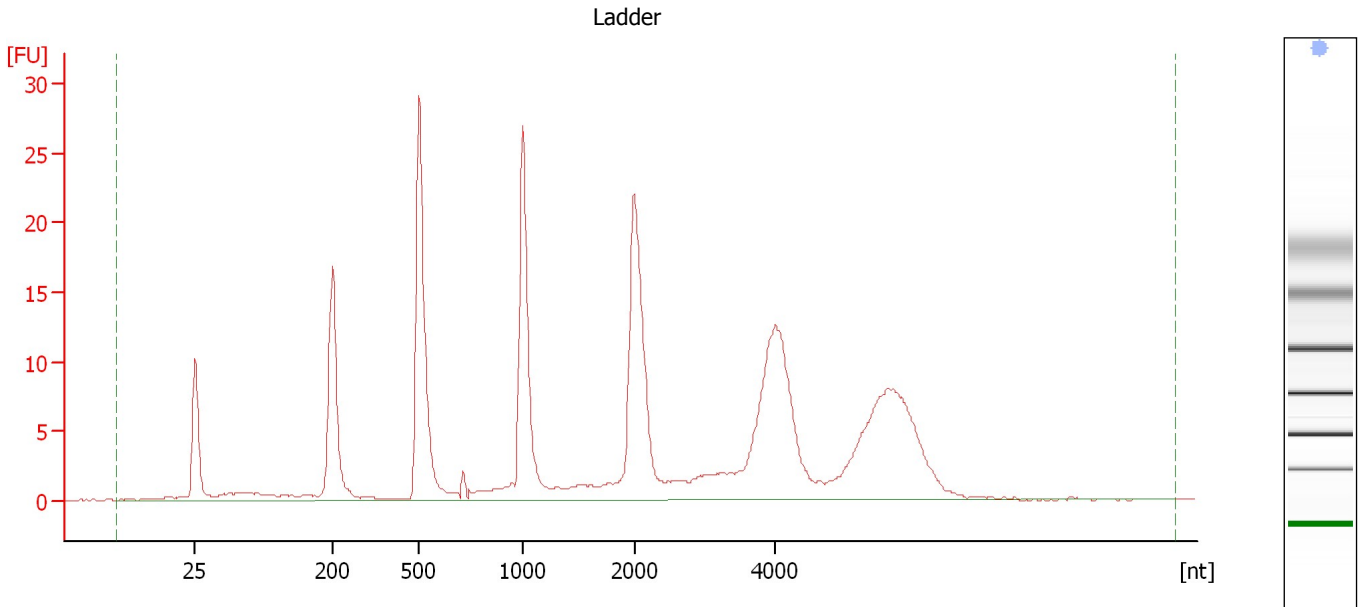
Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-07\2017-06-07_003.xad

Created: 6/7/2017 11:29:22 AM
Modified: 6/7/2017 11:47:44 AM

Electropherogram Summary



Overall Results for Ladder

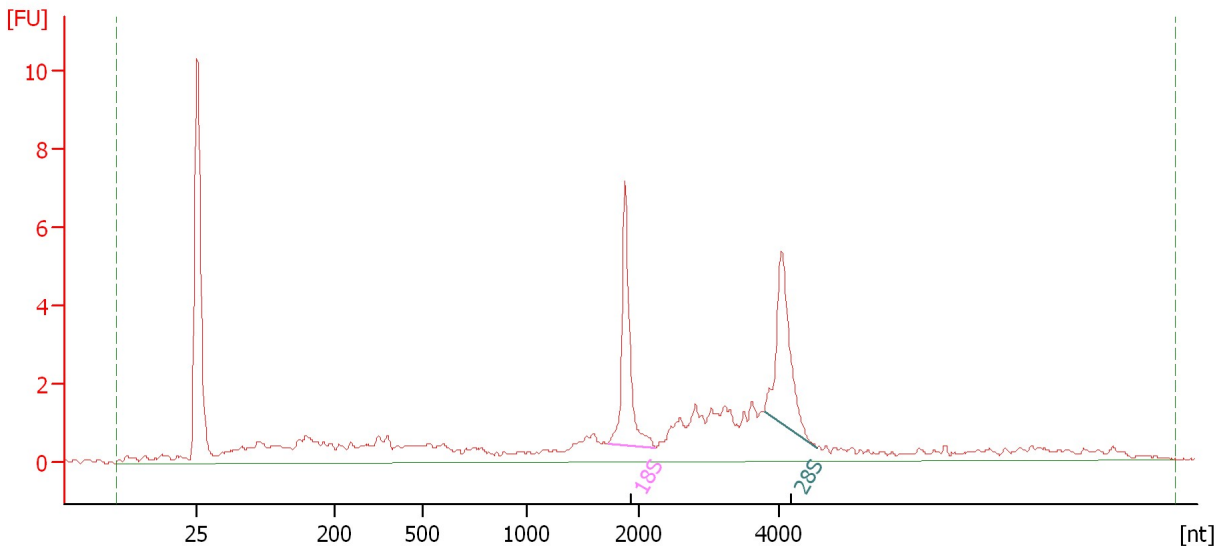
RNA Area:	260.2	Result Flagging Color:	
RNA Concentration:	150 ng/μl	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-07\2017-06-07_003.xad

Created: 6/7/2017 11:29:22 AM
Modified: 6/7/2017 11:47:44 AM

Electropherogram Summary Continued ...

7. 1022.1 (1:2) [HiSeq_998]



Overall Results for sample 1 : 7. 1022.1 (1:2)

RNA Area: 61.2 RNA Integrity Number (RIN): 7.9 (B.02.08)
RNA Concentration: 35 ng/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 1.0 Result Flagging Label: RIN: 7.90

Fragment table for sample 1 : 7. 1022.1 (1:2)

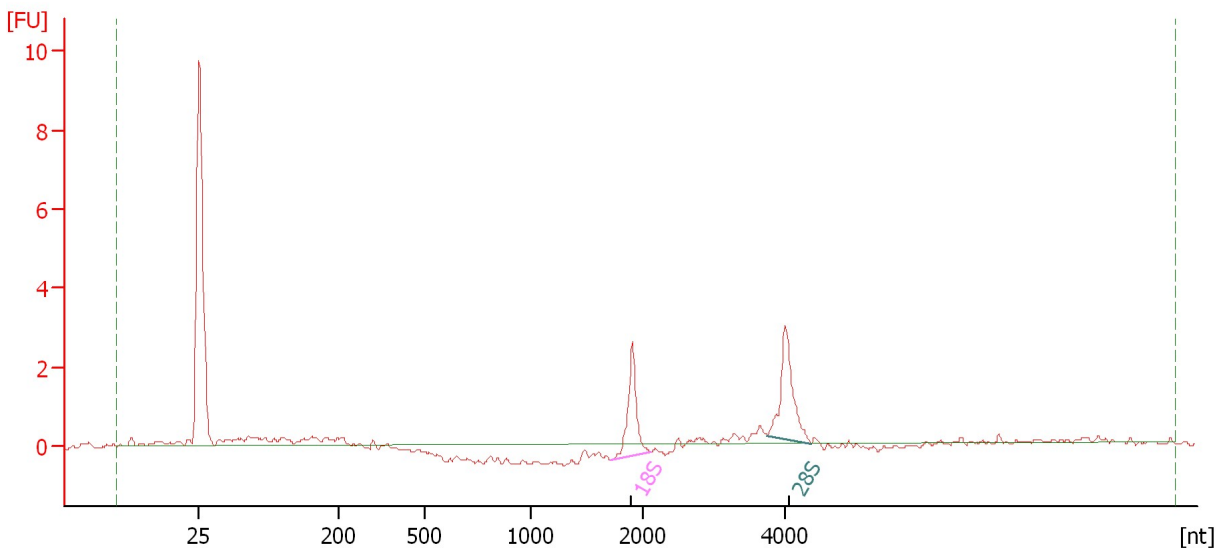
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,734	2,244	6.5	10.6
28S	3,783	4,522	6.4	10.5

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-07\2017-06-07_003.xad

Created: 6/7/2017 11:29:22 AM
Modified: 6/7/2017 11:47:44 AM

Electropherogram Summary Continued ...

8. 1024.3 [HiSeq_998]



Overall Results for sample 2 : 8. 1024.3

RNA Area:	12.4	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	7 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.2	Result Flagging Label:	RIN N/A

Fragment table for sample 2 : 8. 1024.3

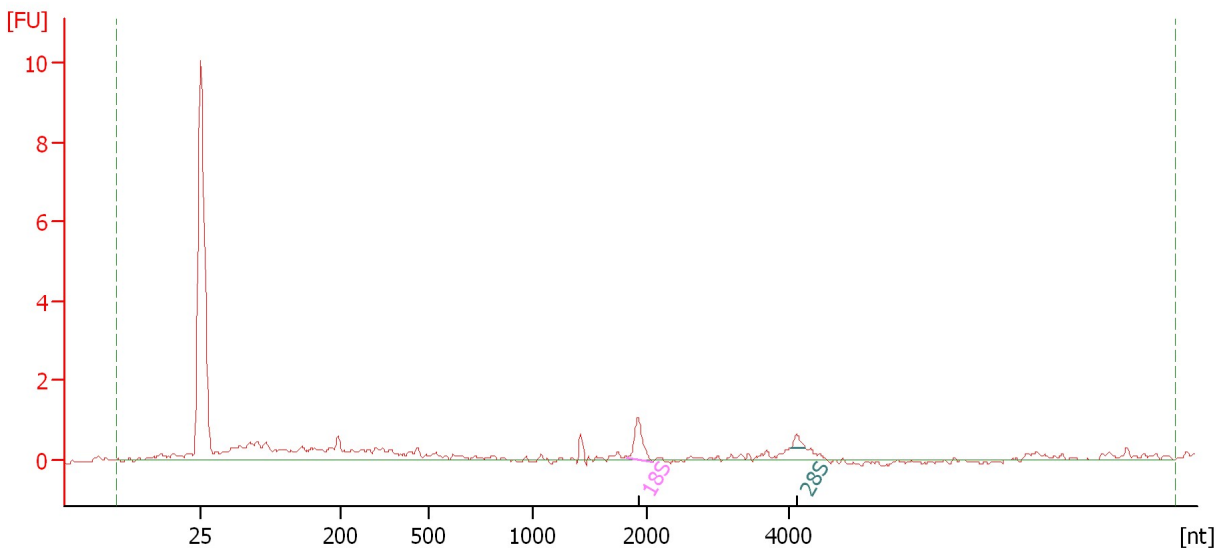
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,727	2,111	3.0	24.0
28S	3,764	4,365	3.6	28.7

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-07\2017-06-07_003.xad

Created: 6/7/2017 11:29:22 AM
Modified: 6/7/2017 11:47:44 AM

Electropherogram Summary Continued ...

10. 1027.3 [HiSeq_998]



Overall Results for sample 3 : 10. 1027.3

RNA Area: 15.1 RNA Integrity Number (RIN): N/A (B.02.08)
RNA Concentration: 9 ng/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 0.2 Result Flagging Label: RIN N/A

Fragment table for sample 3 : 10. 1027.3

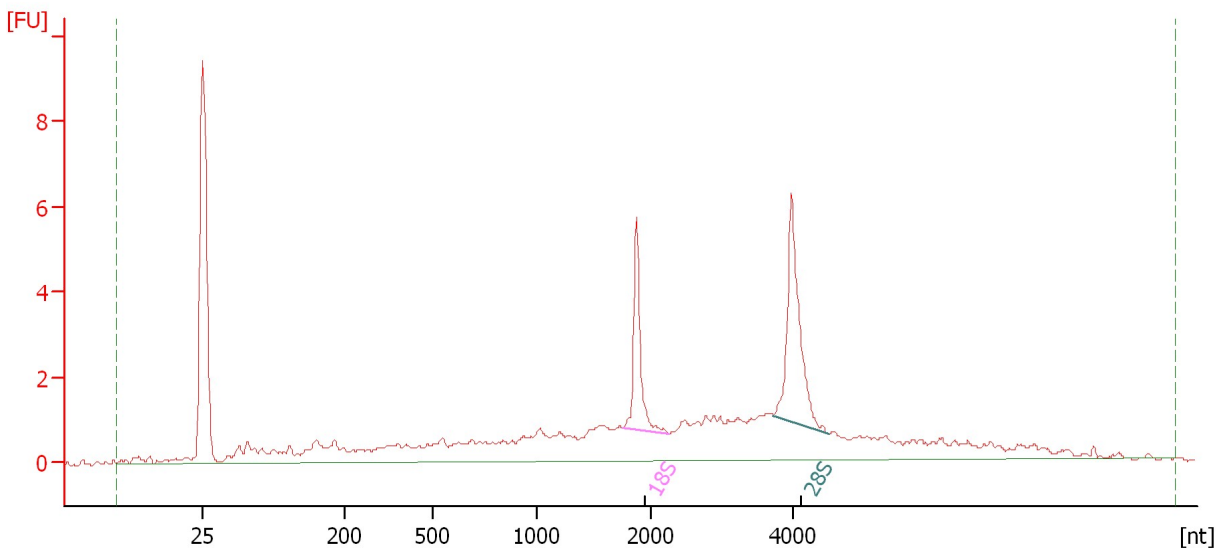
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,835	2,084	1.0	7.0
28S	4,014	4,223	0.3	1.7

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-07\2017-06-07_003.xad

Created: 6/7/2017 11:29:22 AM
Modified: 6/7/2017 11:47:44 AM

Electropherogram Summary Continued ...

16. 1064.3 (1:2) [HiSeq_998]



Overall Results for sample 4 : 16. 1064.3 (1:2)

RNA Area: 58.4 RNA Integrity Number (RIN): 7.1 (B.02.08)
RNA Concentration: 34 ng/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 1.6 Result Flagging Label: RIN: 7.10

Fragment table for sample 4 : 16. 1064.3 (1:2)

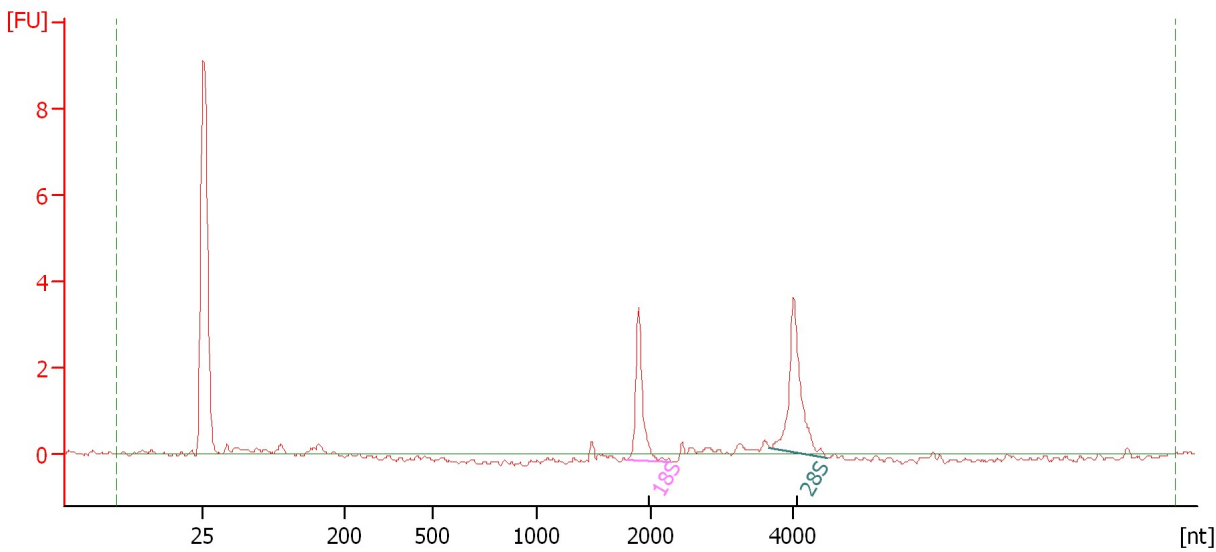
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,753	2,266	4.3	7.3
28S	3,711	4,500	6.8	11.6

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-07\2017-06-07_003.xad

Created: 6/7/2017 11:29:22 AM
Modified: 6/7/2017 11:47:44 AM

Electropherogram Summary Continued ...

17. 1064.1 [HiSeq_998]



Overall Results for sample 5 : 17. 1064.1

RNA Area:	10.3	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	6 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.4	Result Flagging Label:	RIN N/A

Fragment table for sample 5 : 17. 1064.1

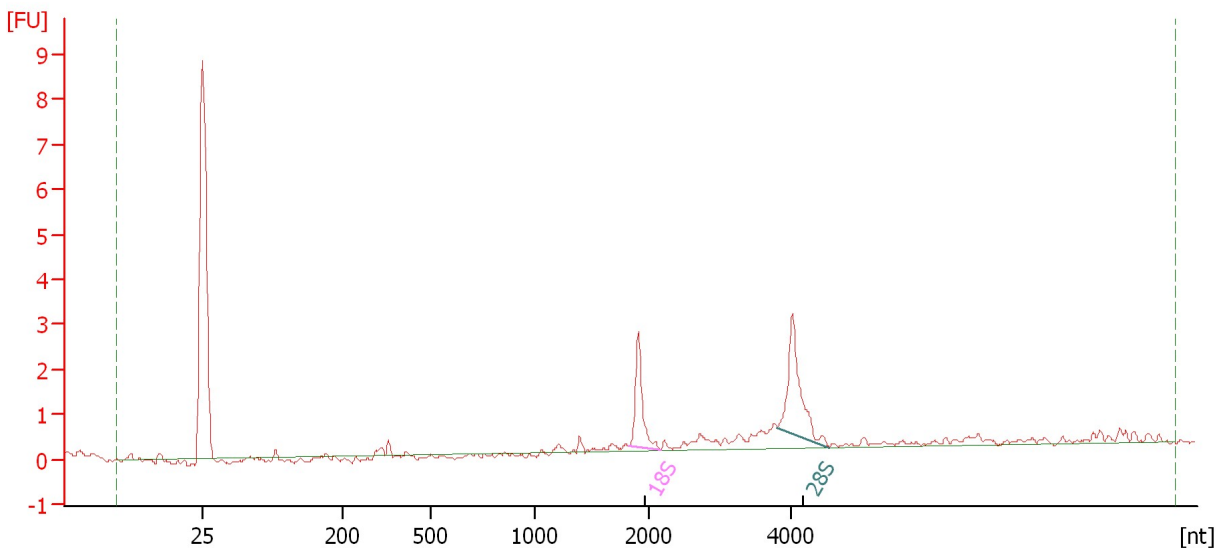
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,791	2,296	3.2	30.8
28S	3,666	4,456	4.5	43.9

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-07\2017-06-07_003.xad

Created: 6/7/2017 11:29:22 AM
Modified: 6/7/2017 11:47:44 AM

Electropherogram Summary Continued ...

18. 1064.2 [HiSeq_998]



Overall Results for sample 6 : 18. 1064.2

RNA Area: 12.8 RNA Integrity Number (RIN): N/A (B.02.08)
RNA Concentration: 7 ng/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 1.5 Result Flagging Label: RIN N/A

Fragment table for sample 6 : 18. 1064.2

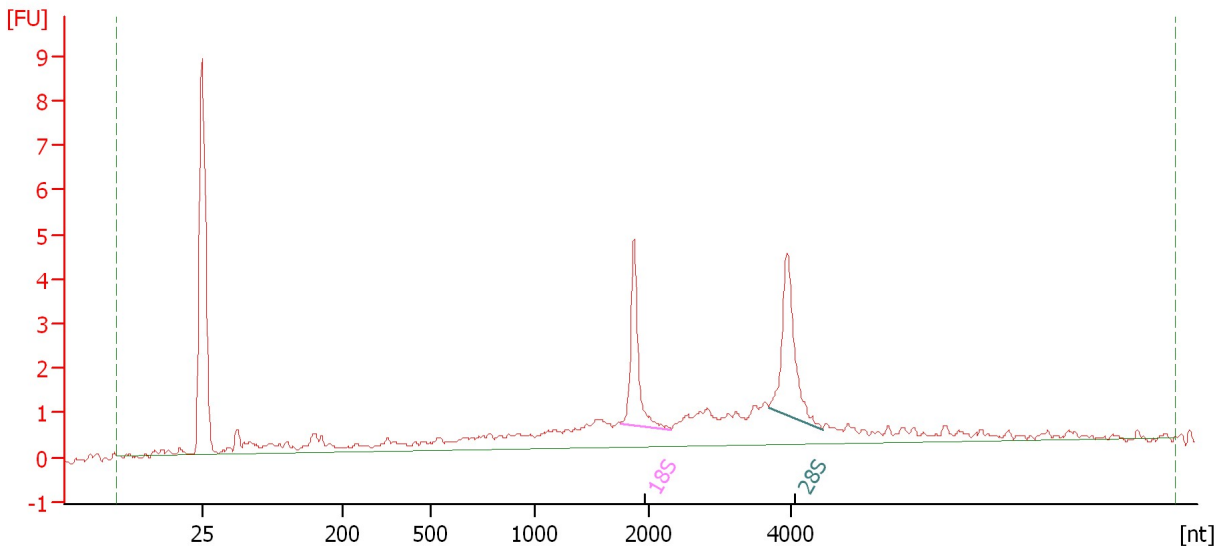
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,827	2,175	2.2	17.3
28S	3,802	4,534	3.3	25.8

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-07\2017-06-07_003.xad

Created: 6/7/2017 11:29:22 AM
Modified: 6/7/2017 11:47:44 AM

Electropherogram Summary Continued ...

19. 1299 (1:2) [HiSeq_998]



Overall Results for sample 7 : 19. 1299 (1:2)

RNA Area: 39.6 RNA Integrity Number (RIN): 7.6 (B.02.08)
RNA Concentration: 23 ng/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 1.2 Result Flagging Label: RIN: 7.60

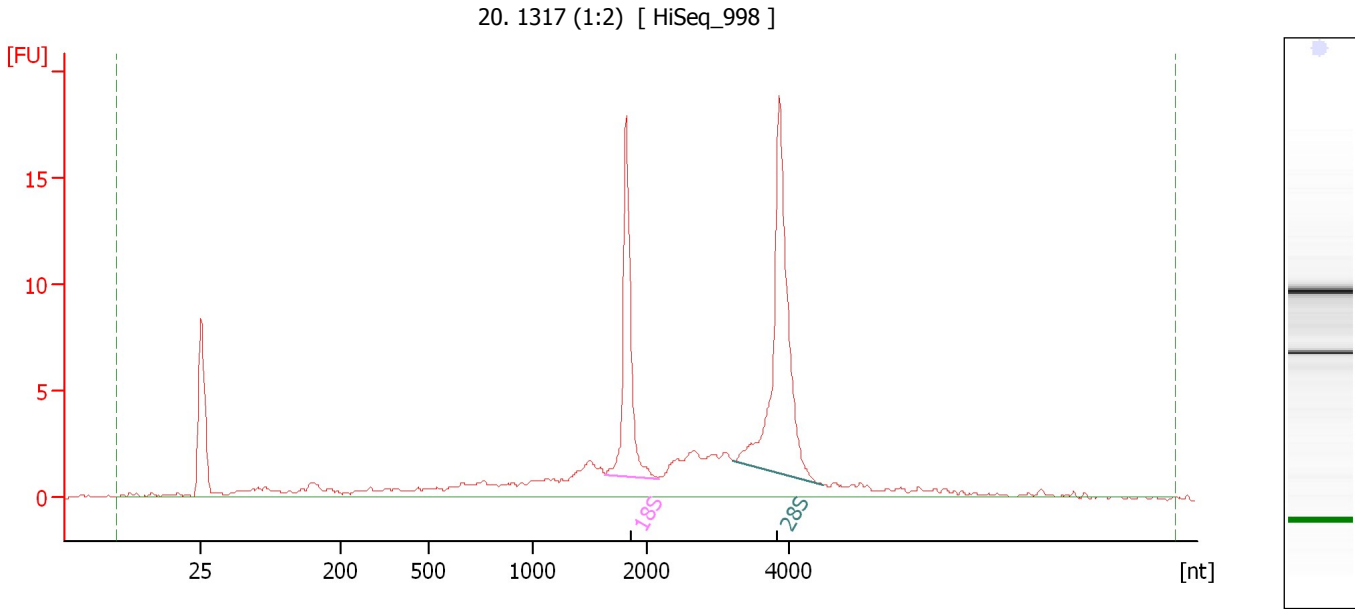
Fragment table for sample 7 : 19. 1299 (1:2)

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,751	2,325	3.9	9.7
28S	3,683	4,429	4.8	12.0

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-07\2017-06-07_003.xad

Created: 6/7/2017 11:29:22 AM
Modified: 6/7/2017 11:47:44 AM

Electropherogram Summary Continued ...



Overall Results for sample 8 : 20. 1317 (1:2)

RNA Area:	103.9	RNA Integrity Number (RIN):	8.3 (B.02.08)
RNA Concentration:	60 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.8	Result Flagging Label:	RIN: 8.30

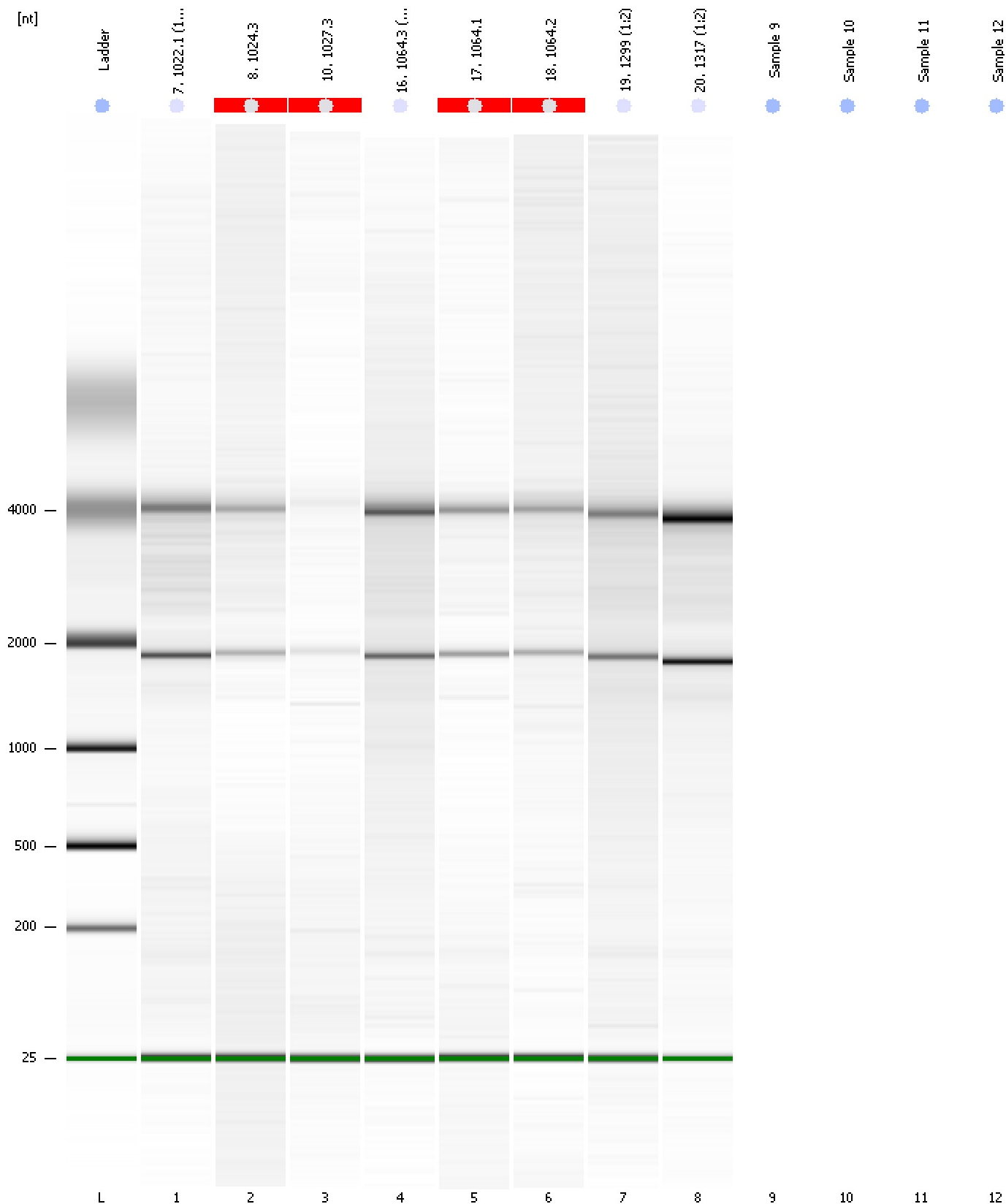
Fragment table for sample 8 : 20. 1317 (1:2)

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,636	2,174	15.2	14.6
28S	3,221	4,463	27.4	26.4

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-07\2017-06-07_003.xad

Created: 6/7/2017 11:29:22 AM
Modified: 6/7/2017 11:47:44 AM

Gel Image



Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-07\2017-06-07_003.xad

Created: 6/7/2017 11:29:22 AM
Modified: 6/7/2017 11:47:44 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.