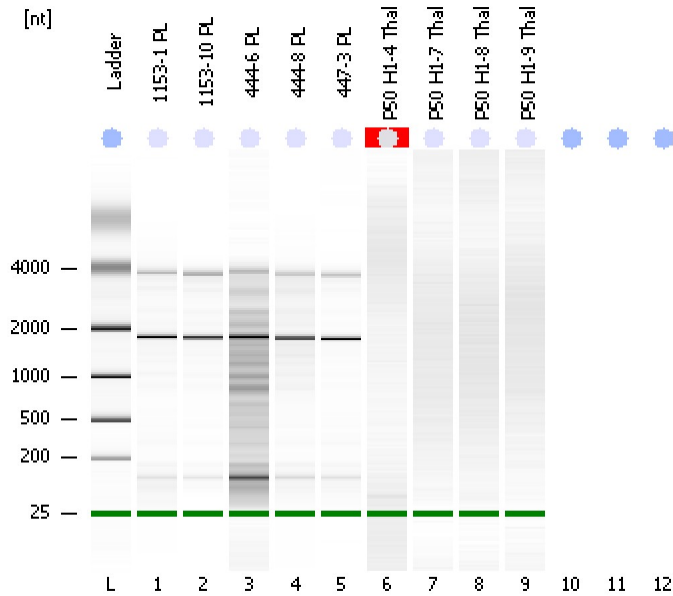


Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-31\2017-05-31_002.xad

Created: 5/31/2017 2:29:22 PM
Modified: 5/31/2017 3:04:42 PM

Electrophoresis File Run Summary



Instrument Information:

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

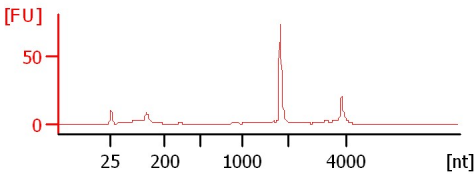
Assay Information:

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.

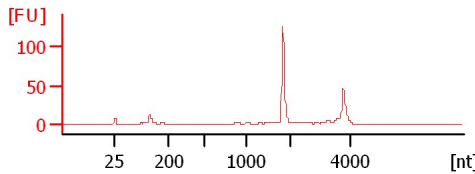
Chip Information:

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

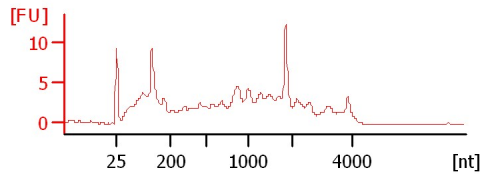
1153-1 PL
RIN: 7.80



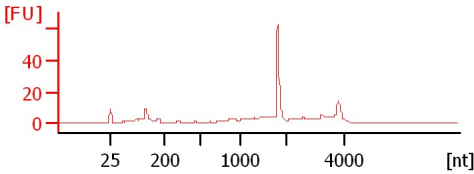
1153-10 PL
RIN: 8.10



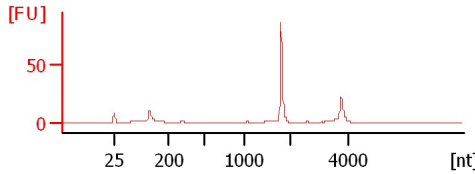
444-6 PL
RIN: 4.40



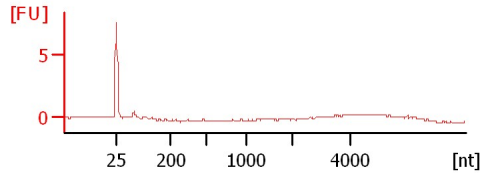
444-8 PL
RIN: 7.20



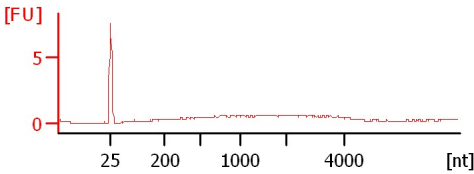
447-3 PL
RIN: 8.20



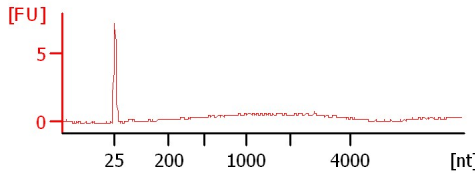
P50 H1-4 Thal
RIN N/A



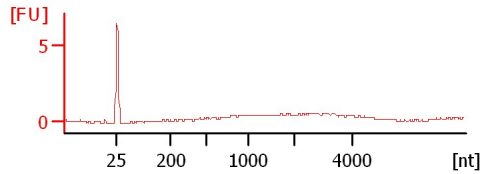
P50 H1-7 Thal
RIN:1



P50 H1-8 Thal
RIN: 1.10



P50 H1-9 Thal
RIN:1



Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-31\2017-05-31_002.xad

Created: 5/31/2017 2:29:22 PM
 Modified: 5/31/2017 3:04:42 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
1153-1 PL		✓	RIN: 7.80	
1153-10 PL		✓	RIN: 8.10	
444-6 PL		✓	RIN: 4.40	
444-8 PL		✓	RIN: 7.20	
447-3 PL		✓	RIN: 8.20	
P50 H1-4 Thal		✓	RIN N/A	
P50 H1-7 Thal		✓	RIN:1	
P50 H1-8 Thal		✓	RIN: 1.10	
P50 H1-9 Thal		✓	RIN:1	
Ladder		✓	All Other Samples	

Chip Lot #

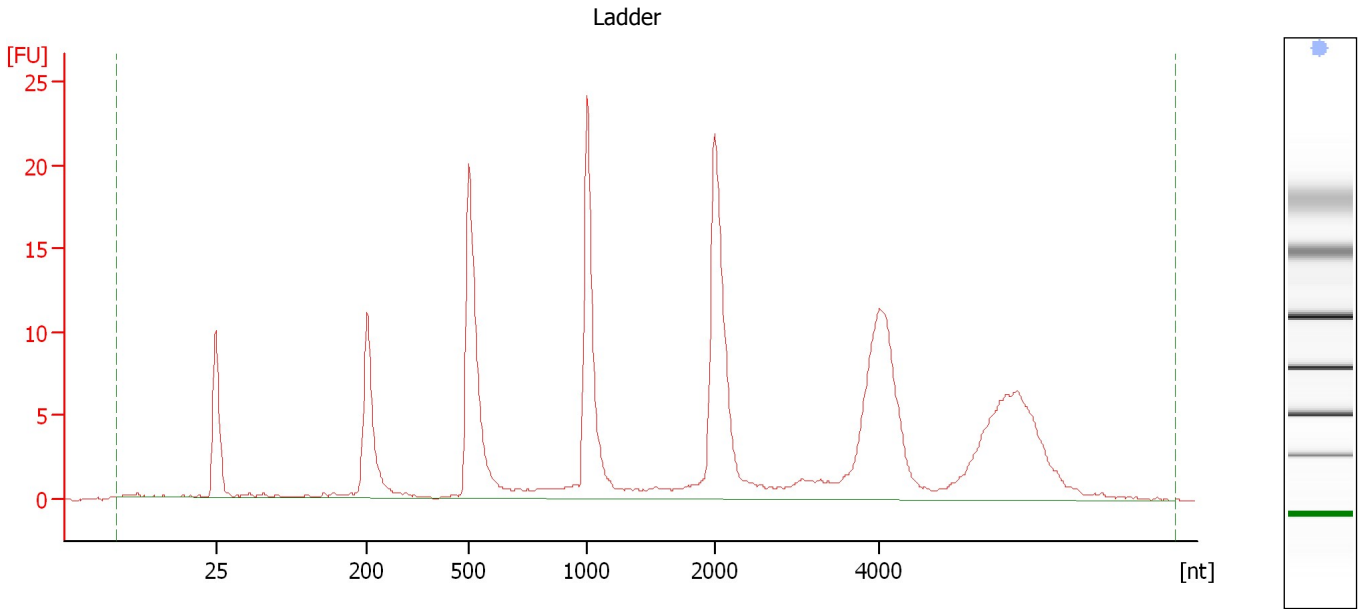
Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-31\2017-05-31_002.xad

Created: 5/31/2017 2:29:22 PM
Modified: 5/31/2017 3:04:42 PM

Electropherogram Summary



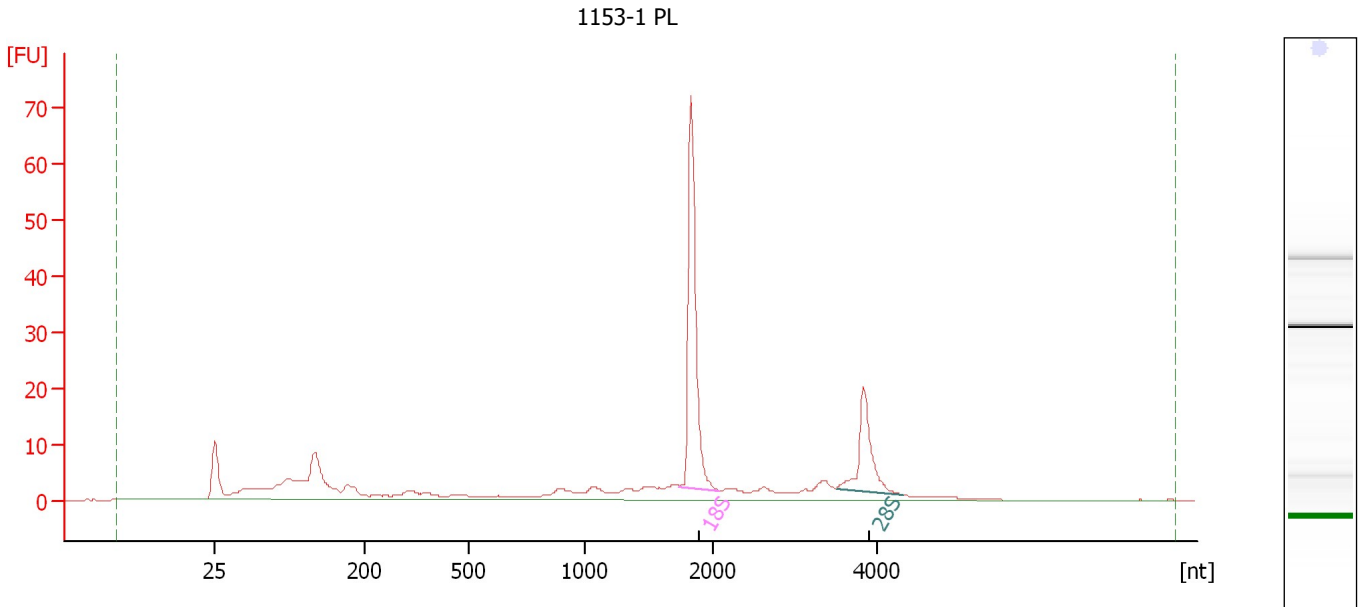
Overall Results for Ladder

RNA Area:	210.5	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\2017-05-31\2017-05-31_002.xad

Created: 5/31/2017 2:29:22 PM
 Modified: 5/31/2017 3:04:42 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : 1153-1 PL

RNA Area:	222.6	RNA Integrity Number (RIN):	7.8 (B.02.08, Anomaly Threshold(s) manually adapted)
RNA Concentration:	159 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.4	Result Flagging Label:	RIN: 7.80

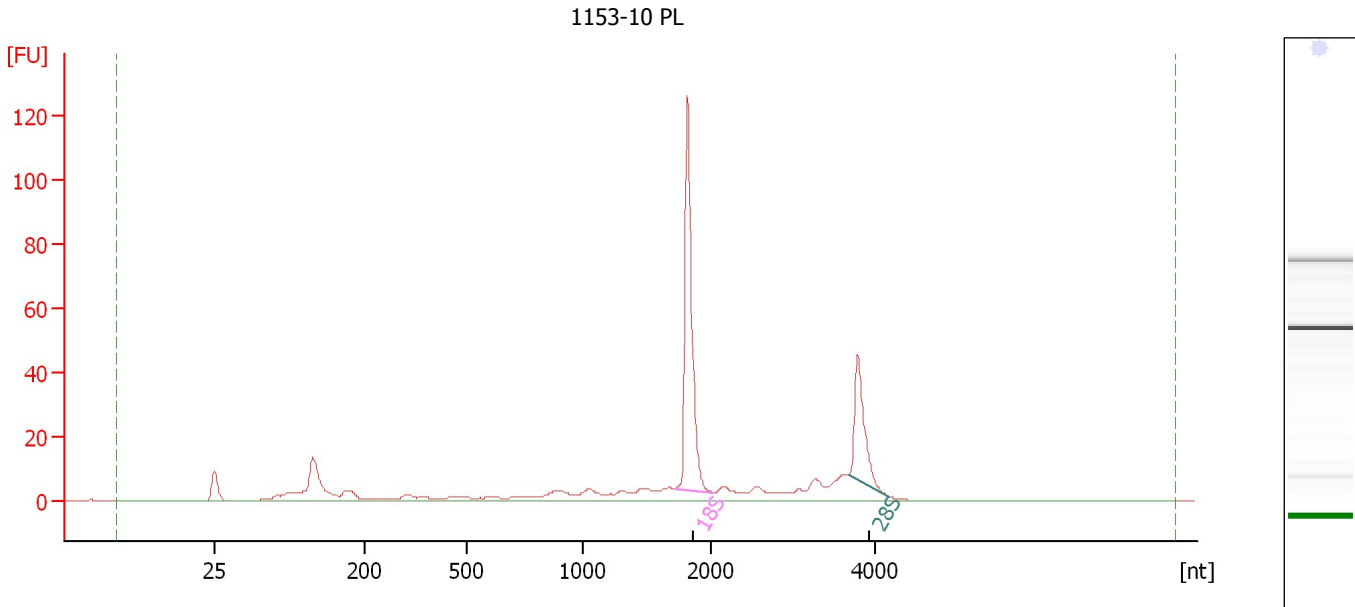
Fragment table for sample 1 : 1153-1 PL

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,738	2,090	57.6	25.9
28S	3,499	4,301	21.7	9.7

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-31\2017-05-31_002.xad

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Electropherogram Summary Continued ...



Overall Results for sample 2 : 1153-10 PL

RNA Area:	323.9	RNA Integrity Number (RIN):	8.1 (B.02.08, Anomaly Threshold(s) manually adapted)
RNA Concentration:	231 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.4	Result Flagging Label:	RIN: 8.10

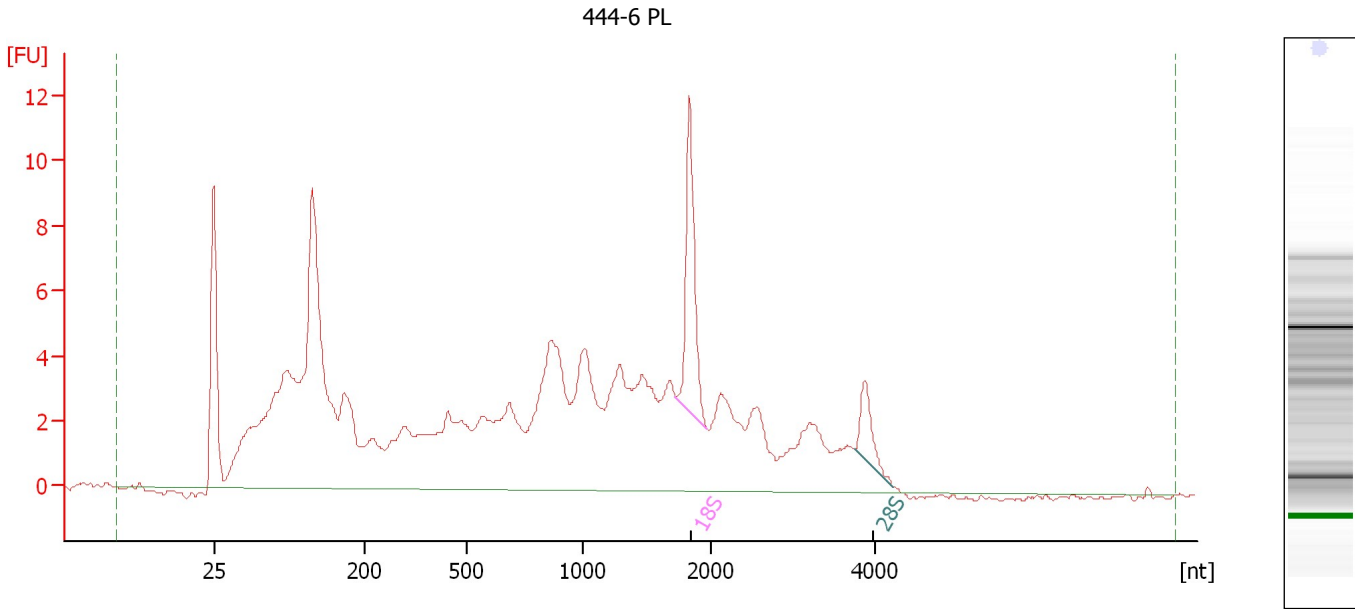
Fragment table for sample 2 : 1153-10 PL

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,720	2,025	98.8	30.5
28S	3,683	4,175	37.8	11.7

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-31\2017-05-31_002.xad

Created: 5/31/2017 2:29:22 PM
 Modified: 5/31/2017 3:04:42 PM

Electropherogram Summary Continued ...



Overall Results for sample 3 : 444-6 PL

RNA Area:	208.0	RNA Integrity Number (RIN):	4.4 (B.02.08)
RNA Concentration:	148 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.3	Result Flagging Label:	RIN: 4.40

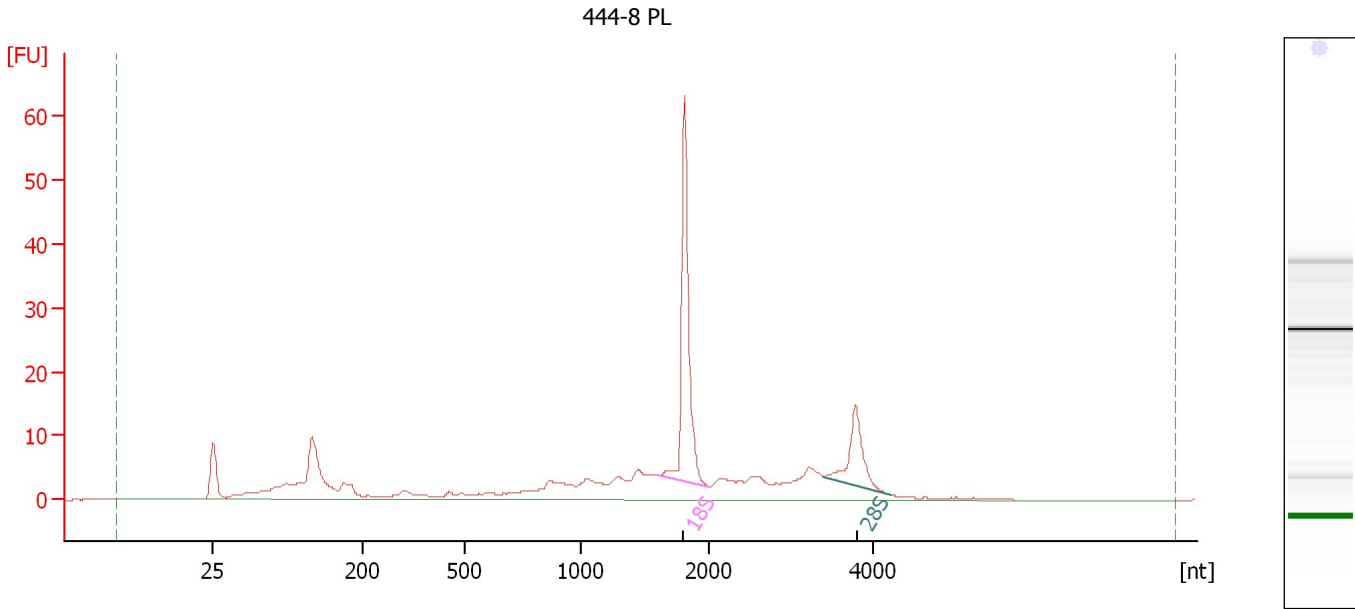
Fragment table for sample 3 : 444-6 PL

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,729	1,982	9.1	4.4
28S	3,761	4,214	2.6	1.3

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-31\2017-05-31_002.xad

Created: 5/31/2017 2:29:22 PM
Modified: 5/31/2017 3:04:42 PM

Electropherogram Summary Continued ...



Overall Results for sample 4 : 444-8 PL

RNA Area:	243.9	RNA Integrity Number (RIN):	7.2 (B.02.08)
RNA Concentration:	174 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.3	Result Flagging Label:	RIN: 7.20

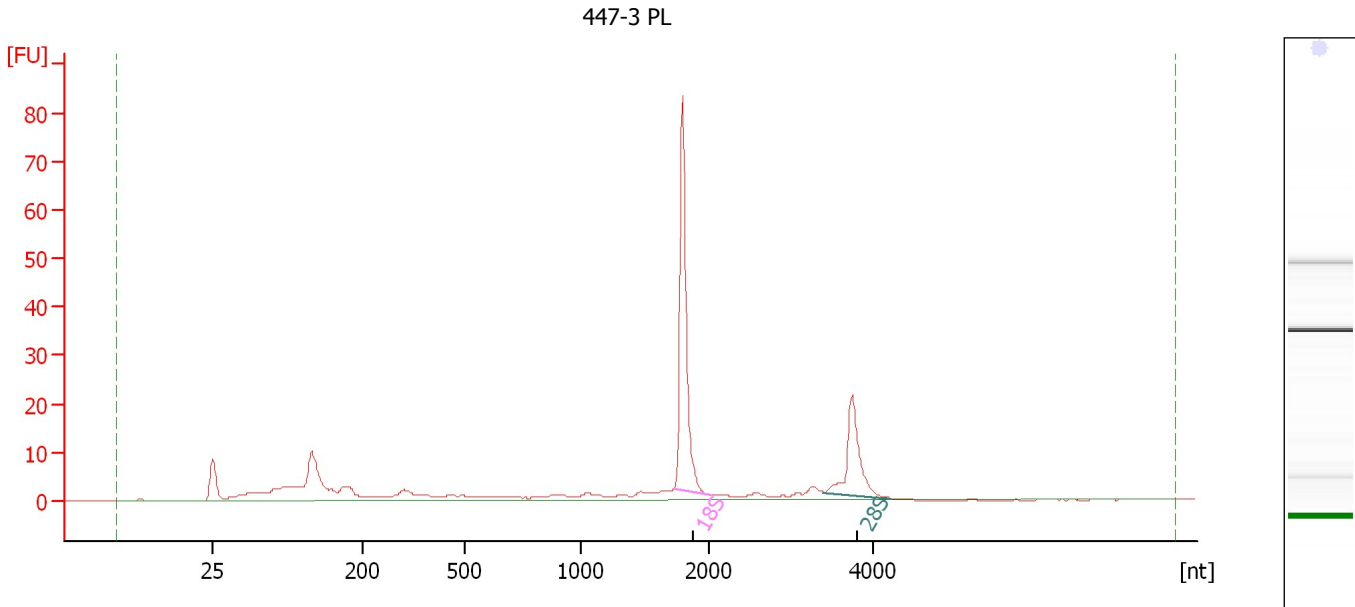
Fragment table for sample 4 : 444-8 PL

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,593	2,011	50.9	20.9
28S	3,400	4,231	16.8	6.9

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-31\2017-05-31_002.xad

Created: 5/31/2017 2:29:22 PM
 Modified: 5/31/2017 3:04:42 PM

Electropherogram Summary Continued ...



Overall Results for sample 5 : 447-3 PL

RNA Area:	212.9	RNA Integrity Number (RIN):	8.2 (B.02.08, Anomaly Threshold(s) manually adapted)
RNA Concentration:	152 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.4	Result Flagging Label:	RIN: 8.20

Fragment table for sample 5 : 447-3 PL

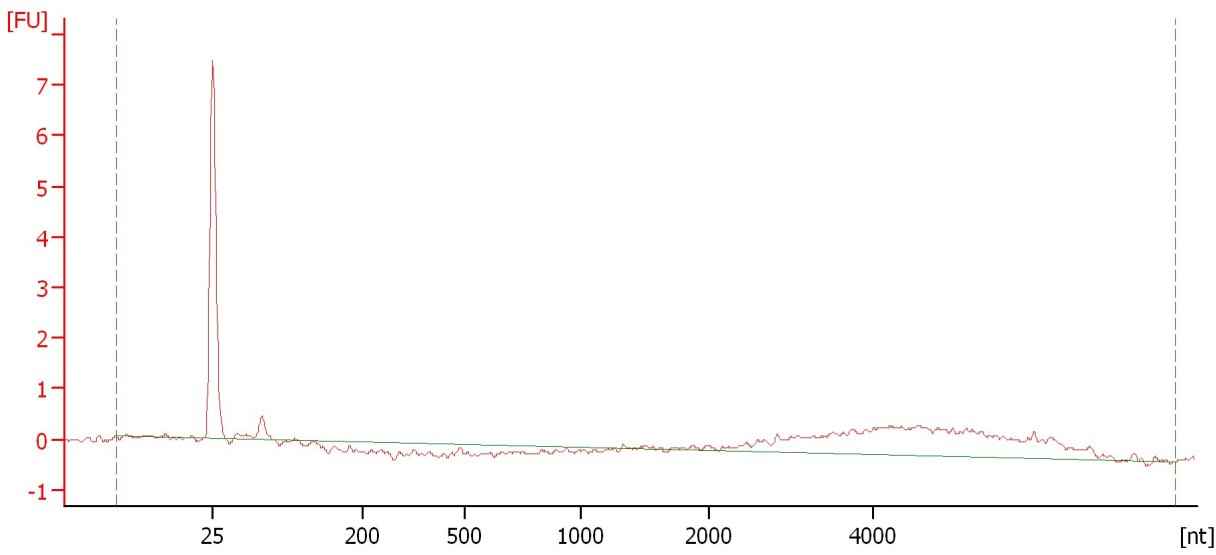
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,736	2,037	63.7	29.9
28S	3,400	4,231	24.3	11.4

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-31\2017-05-31_002.xad

Created: 5/31/2017 2:29:22 PM
Modified: 5/31/2017 3:04:42 PM

Electropherogram Summary Continued ...

P50 H1-4 Thal



Overall Results for sample 6 : P50 H1-4 Thal

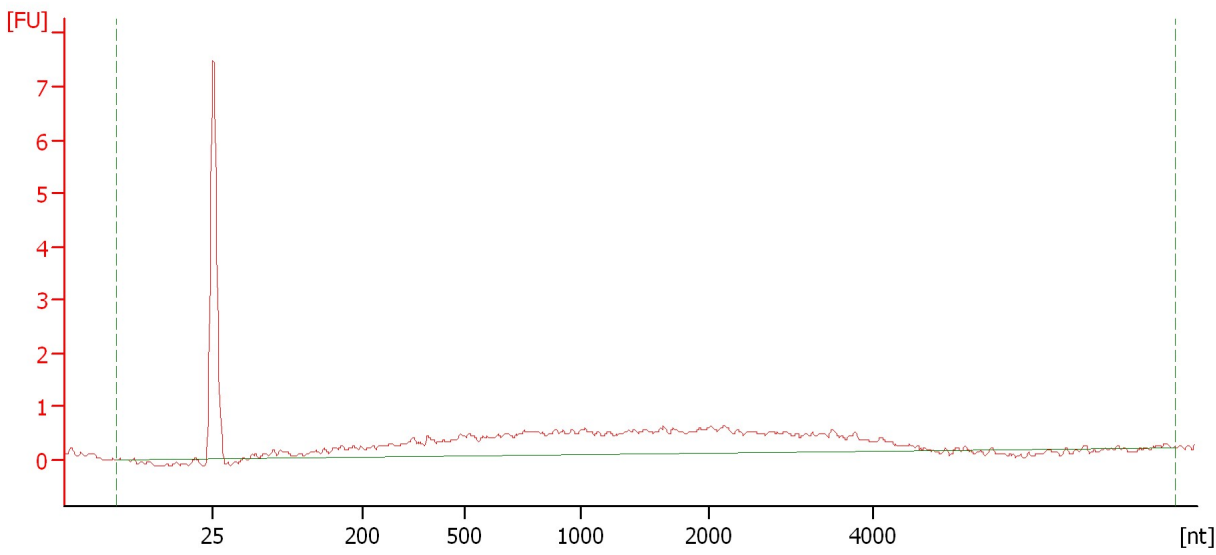
RNA Area:	13.8	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	10 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-31\2017-05-31_002.xad

Created: 5/31/2017 2:29:22 PM
Modified: 5/31/2017 3:04:42 PM

Electropherogram Summary Continued ...

P50 H1-7 Thal



Overall Results for sample 7 : P50 H1-7 Thal

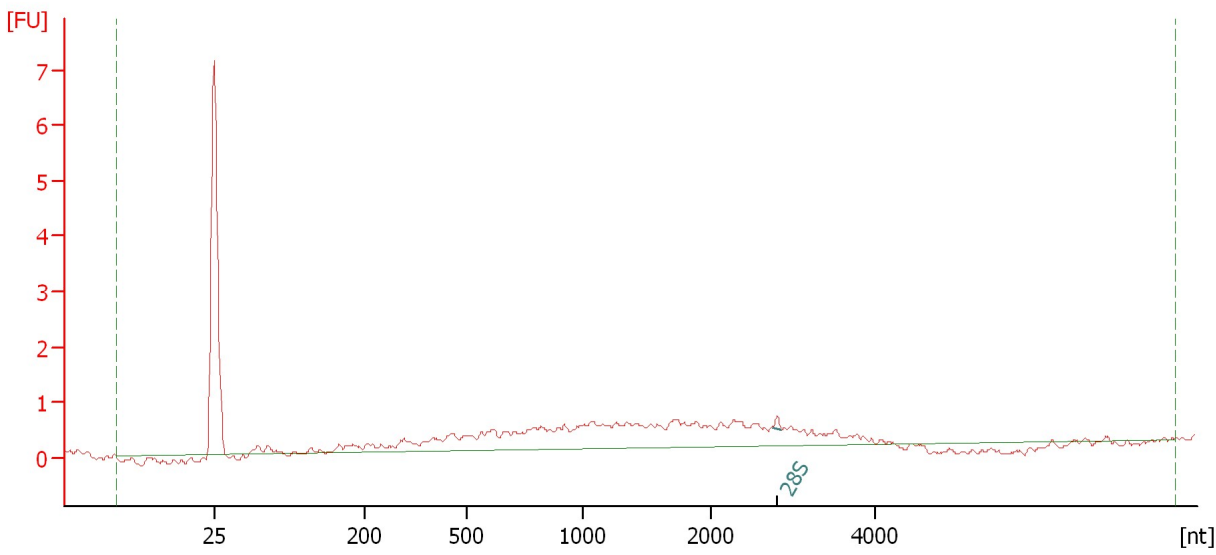
RNA Area:	22.8	RNA Integrity Number (RIN):	1 (B.02.08)
RNA Concentration:	16 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN:1

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-31\2017-05-31_002.xad

Created: 5/31/2017 2:29:22 PM
Modified: 5/31/2017 3:04:42 PM

Electropherogram Summary Continued ...

P50 H1-8 Thal



Overall Results for sample 8 : P50 H1-8 Thal

RNA Area:	16.8	RNA Integrity Number (RIN):	1.1 (B.02.08)
RNA Concentration:	12 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 1.10

Fragment table for sample 8 : P50 H1-8 Thal

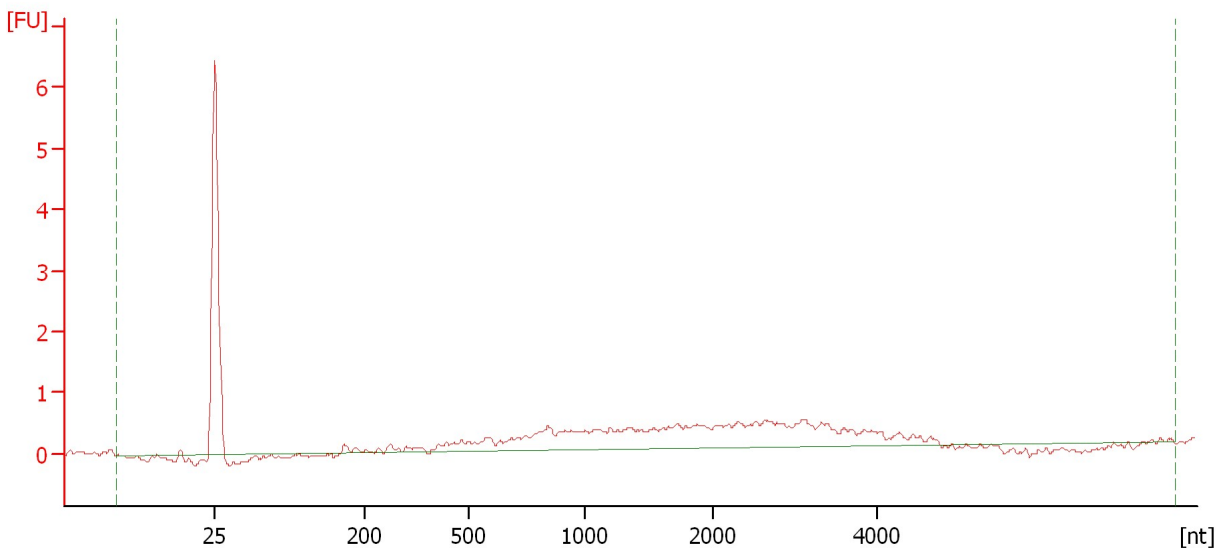
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
28S	2,763	2,867	0.1	0.6

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-31\2017-05-31_002.xad

Created: 5/31/2017 2:29:22 PM
Modified: 5/31/2017 3:04:42 PM

Electropherogram Summary Continued ...

P50 H1-9 Thal



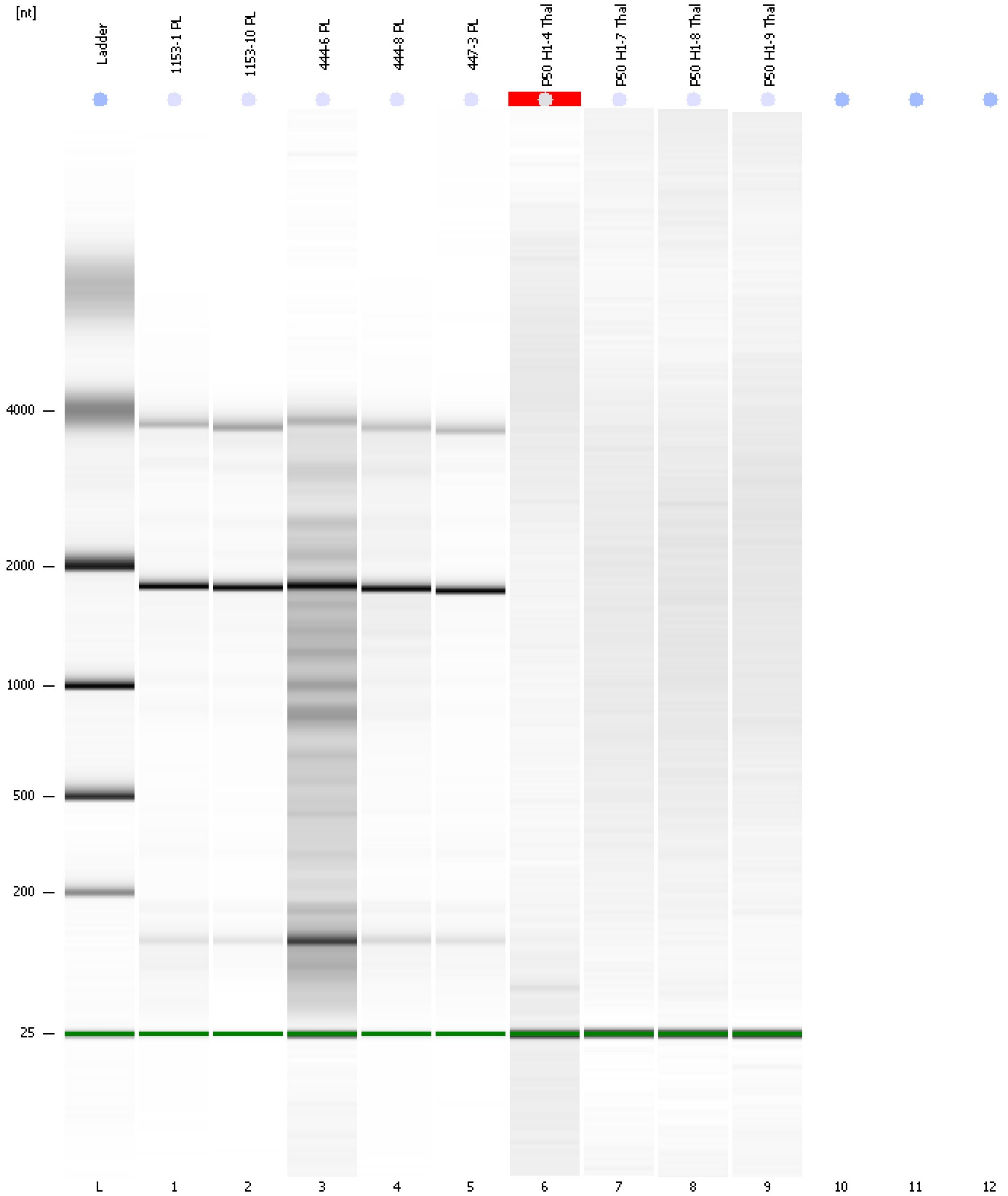
Overall Results for sample 9 : P50 H1-9 Thal

RNA Area:	14.6	RNA Integrity Number (RIN):	1 (B.02.08)
RNA Concentration:	10 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN:1

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-31\2017-05-31_002.xad

Created: 5/31/2017 2:29:22 PM
Modified: 5/31/2017 3:04:42 PM

Gel Image



Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-31\2017-05-31_002.xad

Created: 5/31/2017 2:29:22 PM
Modified: 5/31/2017 3:04:42 PM

Invalid Samples

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.