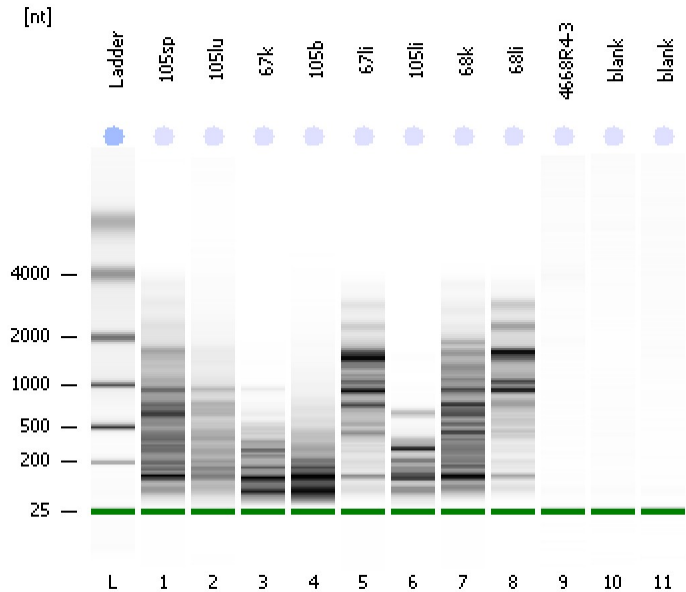


Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-18\2017-08-18_001.xad

Created: 8/18/2017 9:41:46 AM
Modified: 8/18/2017 10:04:42 AM

Electrophoresis File Run Summary



Instrument Information:

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

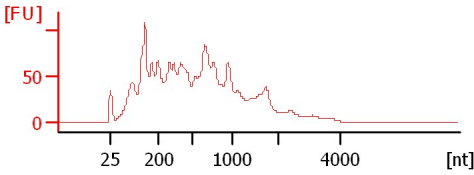
Assay Information:

Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\Eukaryote Total RNA Pico Series II.xsy
Assay Class: Eukaryote Total RNA Pico
Version: 2.6
Assay Comments: Total RNA Analysis pg sensitivity (Eukaryote)
© Copyright 2003 - 2009 Agilent Technologies, Inc.

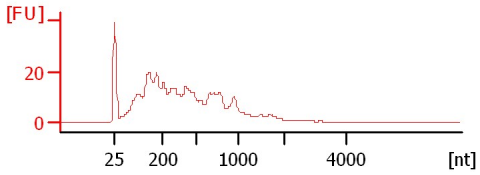
Chip Information:

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

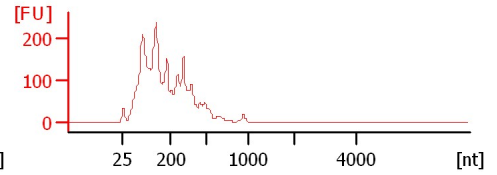
105sp
RIN: 2.70



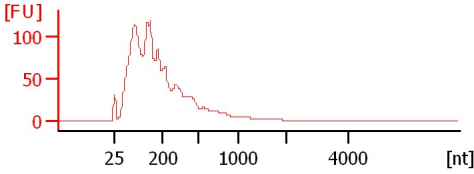
105lu
RIN: 2.30



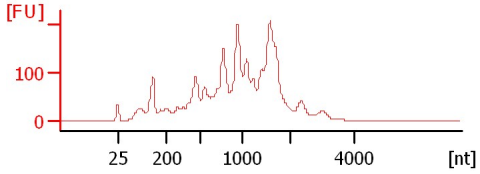
67k
RIN: 2.20



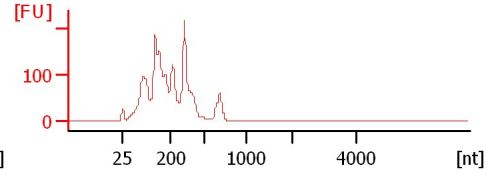
105b
RIN: 2.30



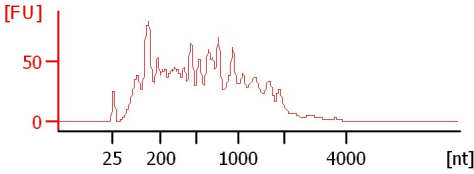
67li
RIN: 4.60



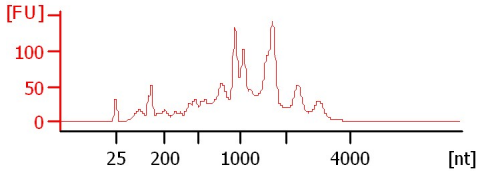
105li
RIN: 2.20



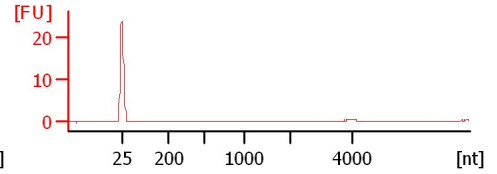
68k
RIN: 2.40



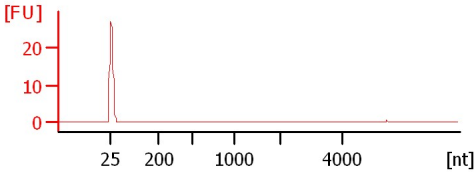
68li
RIN: 5.60



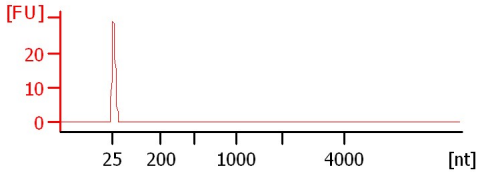
4668R4-3
RIN: 1



blank
RIN: 1



blank
RIN: 1



Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-18\2017-08-18_001.xad

Created: 8/18/2017 9:41:46 AM
Modified: 8/18/2017 10:04:42 AM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
105sp		✓	RIN: 2.70	
105lu		✓	RIN: 2.30	
67k		✓	RIN: 2.20	
105b		✓	RIN: 2.30	
67li		✓	RIN: 4.60	
105li		✓	RIN: 2.20	
68k		✓	RIN: 2.40	
68li		✓	RIN: 5.60	
4668R4-3		✓	RIN:1	
blank		✓	RIN:1	
blank		✓	RIN:1	
Ladder		✓	All Other Samples	

Chip Lot #

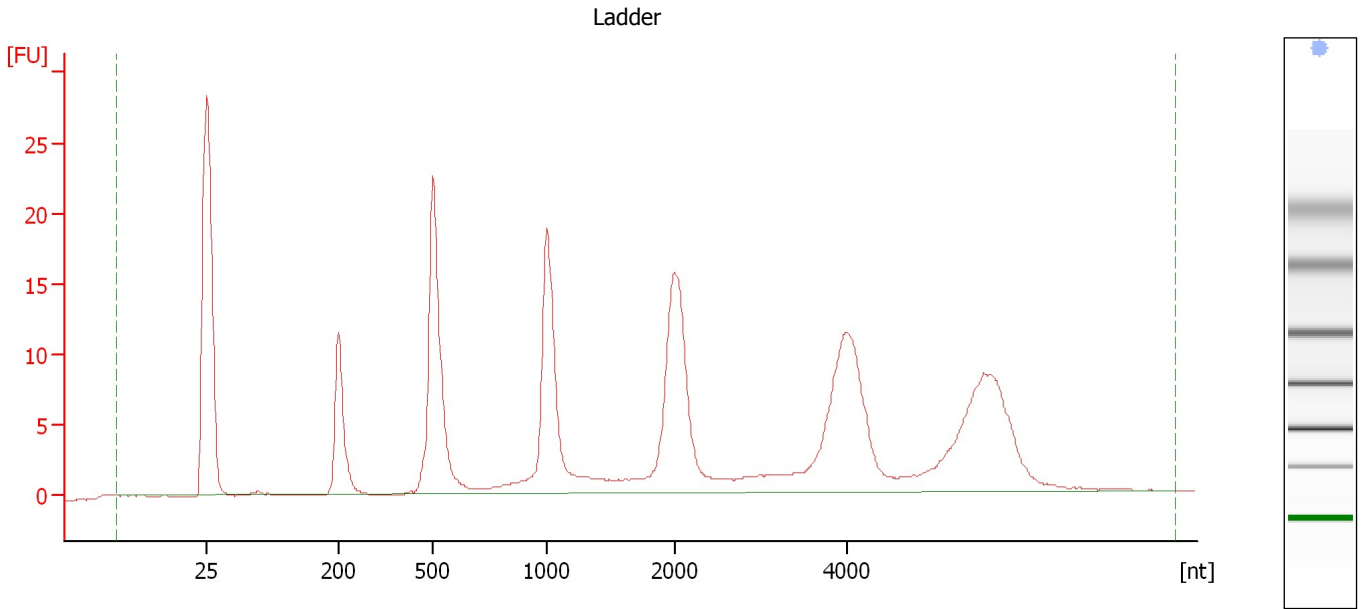
Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-18\2017-08-18_001.xad

Created: 8/18/2017 9:41:46 AM
Modified: 8/18/2017 10:04:42 AM

Electropherogram Summary



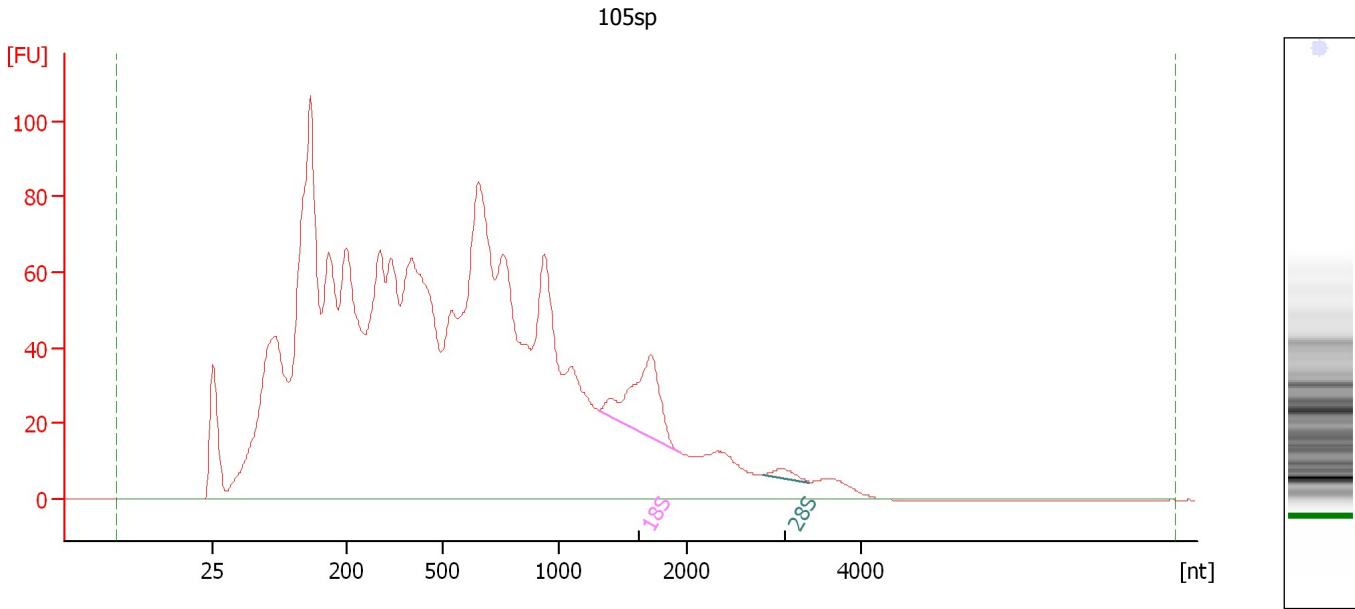
Overall Results for Ladder

RNA Area:	240.4	Result Flagging Color:	
RNA Concentration:	1,000 pg/μl	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-18\2017-08-18_001.xad

Created: 8/18/2017 9:41:46 AM
Modified: 8/18/2017 10:04:42 AM

Electropherogram Summary Continued ...



Overall Results for sample 1 : 105sp

RNA Area:	2,894.5	RNA Integrity Number (RIN):	2.7 (B.02.08)
RNA Concentration:	12,041 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.1	Result Flagging Label:	RIN: 2.70

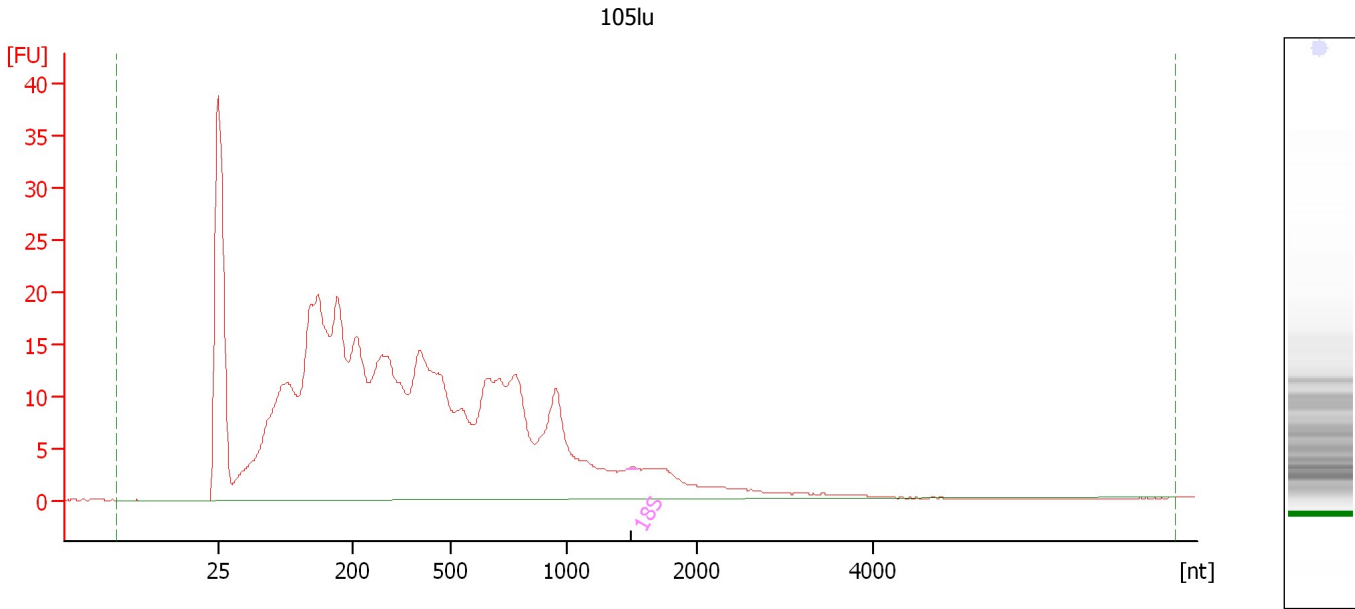
Fragment table for sample 1 : 105sp

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,315	1,953	74.5	2.6
28S	2,864	3,404	5.5	0.2

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-18\2017-08-18_001.xad

Created: 8/18/2017 9:41:46 AM
Modified: 8/18/2017 10:04:42 AM

Electropherogram Summary Continued ...



Overall Results for sample 2 : 105lu

RNA Area:	569.2	RNA Integrity Number (RIN):	2.3 (B.02.08)
RNA Concentration:	2,368 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.30

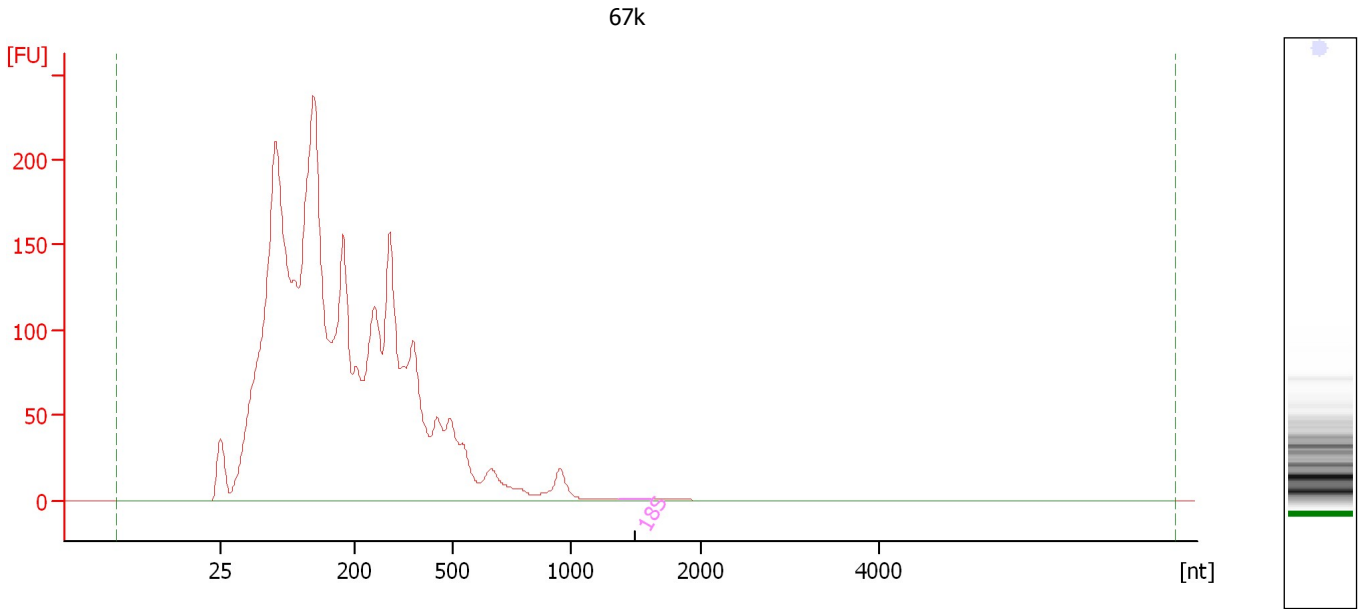
Fragment table for sample 2 : 105lu

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,456	1,538	0.1	0.0

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-18\2017-08-18_001.xad

Created: 8/18/2017 9:41:46 AM
Modified: 8/18/2017 10:04:42 AM

Electropherogram Summary Continued ...



Overall Results for sample 3 : 67k

RNA Area: 3,771.5 RNA Integrity Number (RIN): 2.2 (B.02.08)
RNA Concentration: 15,690 pg/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 0.0 Result Flagging Label: RIN: 2.20

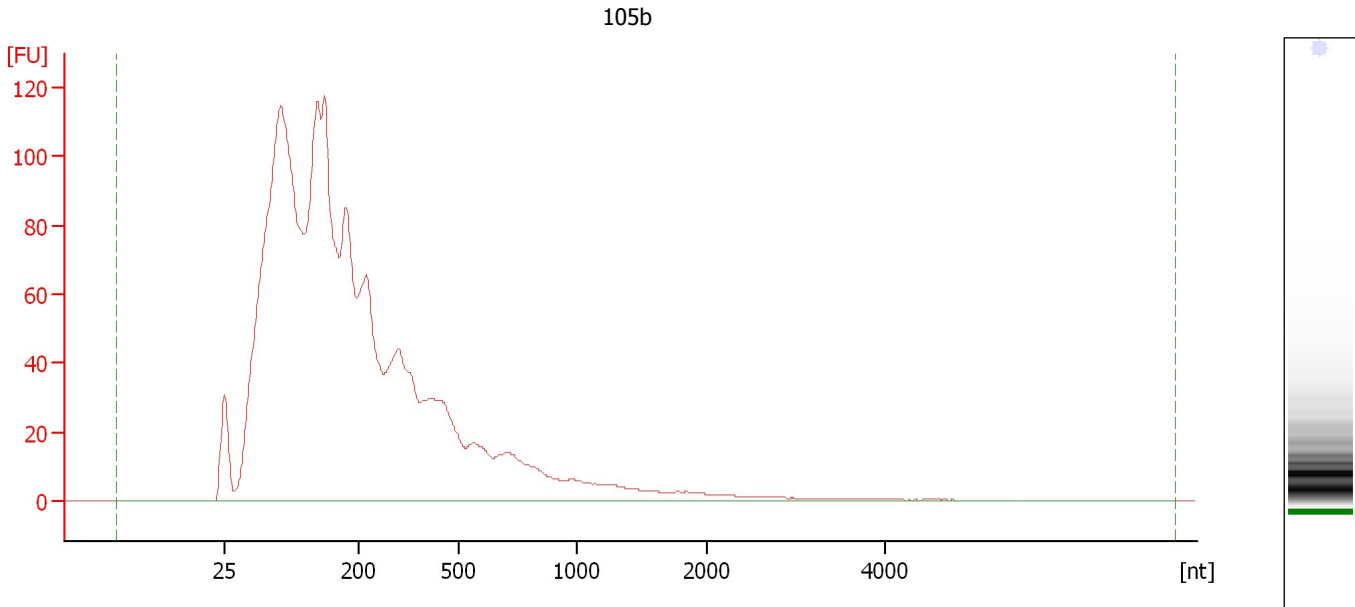
Fragment table for sample 3 : 67k

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,370	1,607	1.1	0.0

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-18\2017-08-18_001.xad

Created: 8/18/2017 9:41:46 AM
Modified: 8/18/2017 10:04:42 AM

Electropherogram Summary Continued ...



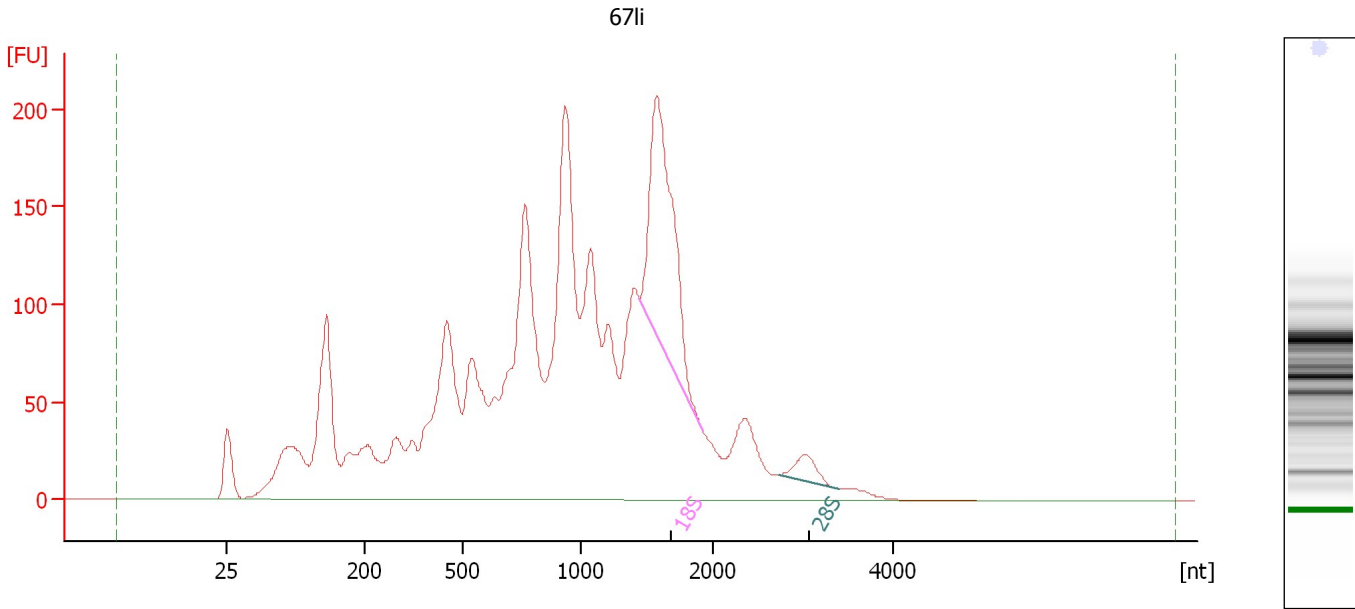
Overall Results for sample 4 : 105b

RNA Area:	2,347.2	RNA Integrity Number (RIN):	2.3 (B.02.08)
RNA Concentration:	9,765 µg/µl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.30

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-18\2017-08-18_001.xad

Created: 8/18/2017 9:41:46 AM
Modified: 8/18/2017 10:04:42 AM

Electropherogram Summary Continued ...



Overall Results for sample 5 : 67li

RNA Area:	3,980.9	RNA Integrity Number (RIN):	4.6 (B.02.08)
RNA Concentration:	16,561 pg/ μ l	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.1	Result Flagging Label:	RIN: 4.60

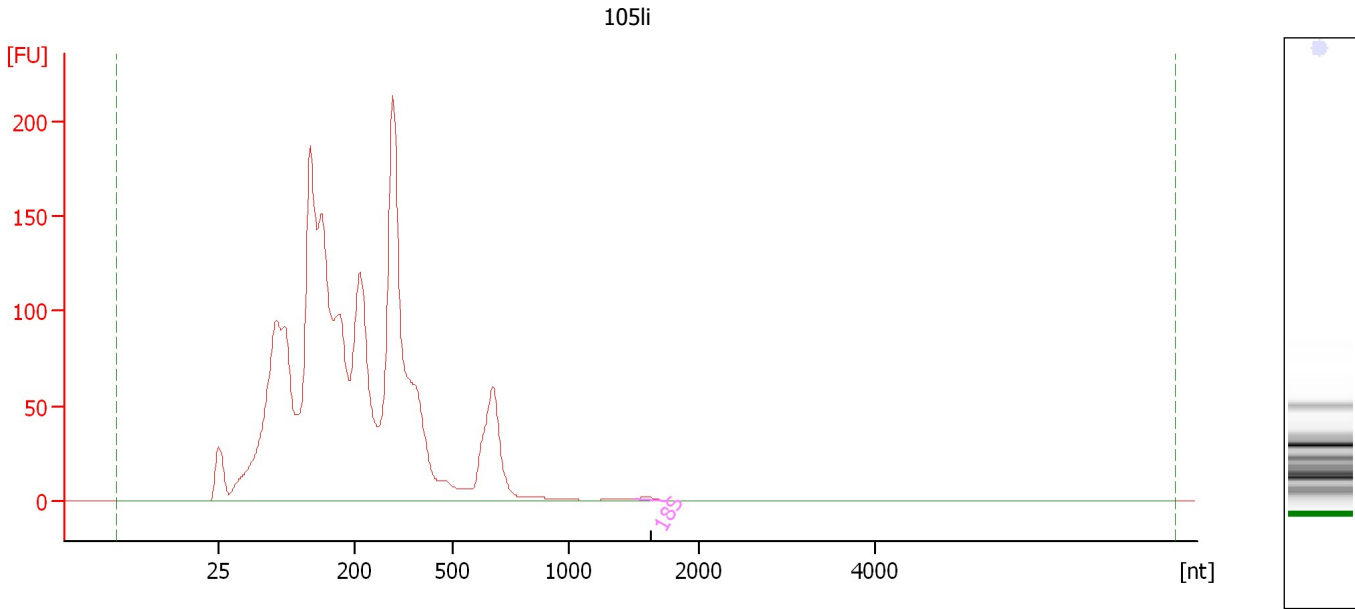
Fragment table for sample 5 : 67li

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,438	1,914	347.0	8.7
28S	2,721	3,390	32.0	0.8

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-18\2017-08-18_001.xad

Created: 8/18/2017 9:41:46 AM
Modified: 8/18/2017 10:04:42 AM

Electropherogram Summary Continued ...



Overall Results for sample 6 : 105li

RNA Area:	2,631.2	RNA Integrity Number (RIN):	2.2 (B.02.08)
RNA Concentration:	10,946 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.20

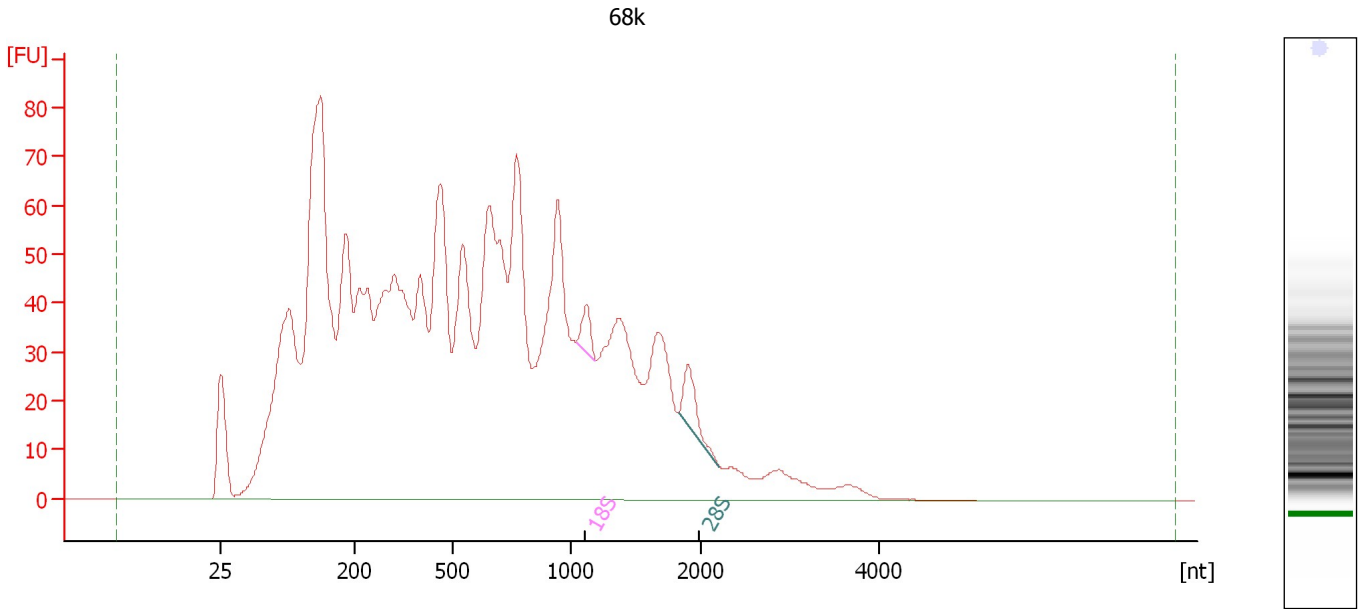
Fragment table for sample 6 : 105li

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,499	1,753	2.5	0.1

Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-18\2017-08-18_001.xad

Created: 8/18/2017 9:41:46 AM
 Modified: 8/18/2017 10:04:42 AM

Electropherogram Summary Continued ...



Overall Results for sample 7 : 68k

RNA Area:	2,376.4	RNA Integrity Number (RIN):	2.4 (B.02.08)
RNA Concentration:	9,886 µg/µl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.8	Result Flagging Label:	RIN: 2.40

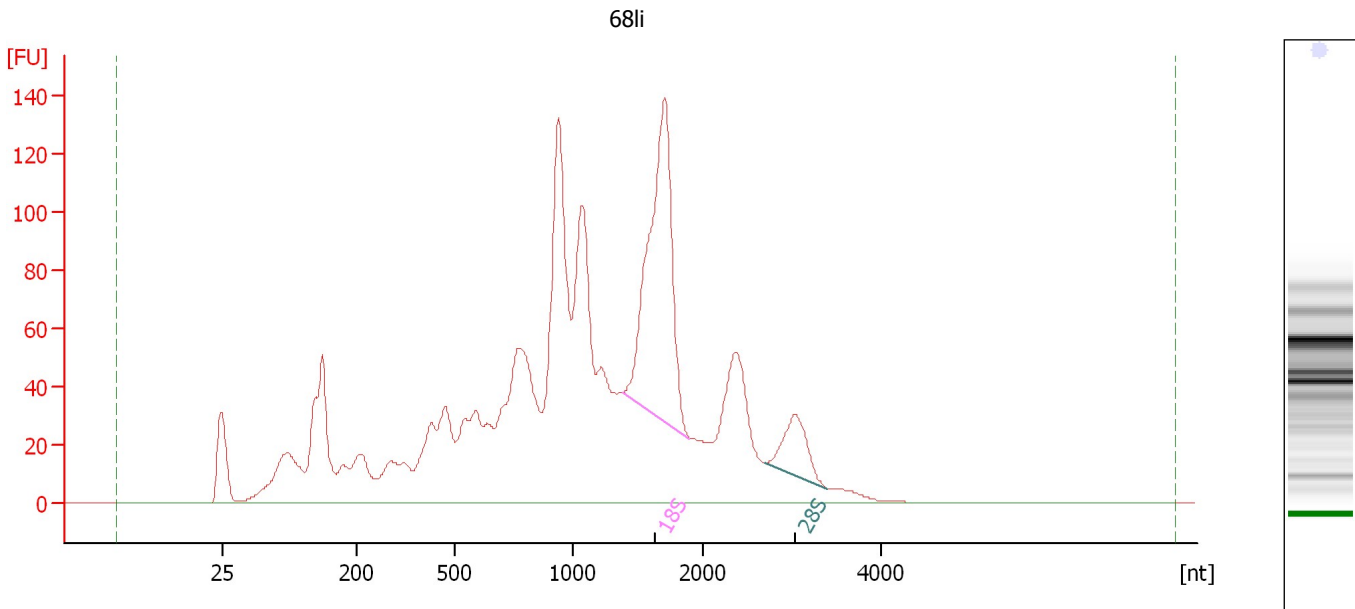
Fragment table for sample 7 : 68k

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,042	1,190	10.1	0.4
28S	1,819	2,205	17.9	0.8

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-18\2017-08-18_001.xad

Created: 8/18/2017 9:41:46 AM
Modified: 8/18/2017 10:04:42 AM

Electropherogram Summary Continued ...



Overall Results for sample 8 : 68li

RNA Area:	2,329.1	RNA Integrity Number (RIN):	5.6 (B.02.08)
RNA Concentration:	9,689 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.2	Result Flagging Label:	RIN: 5.60

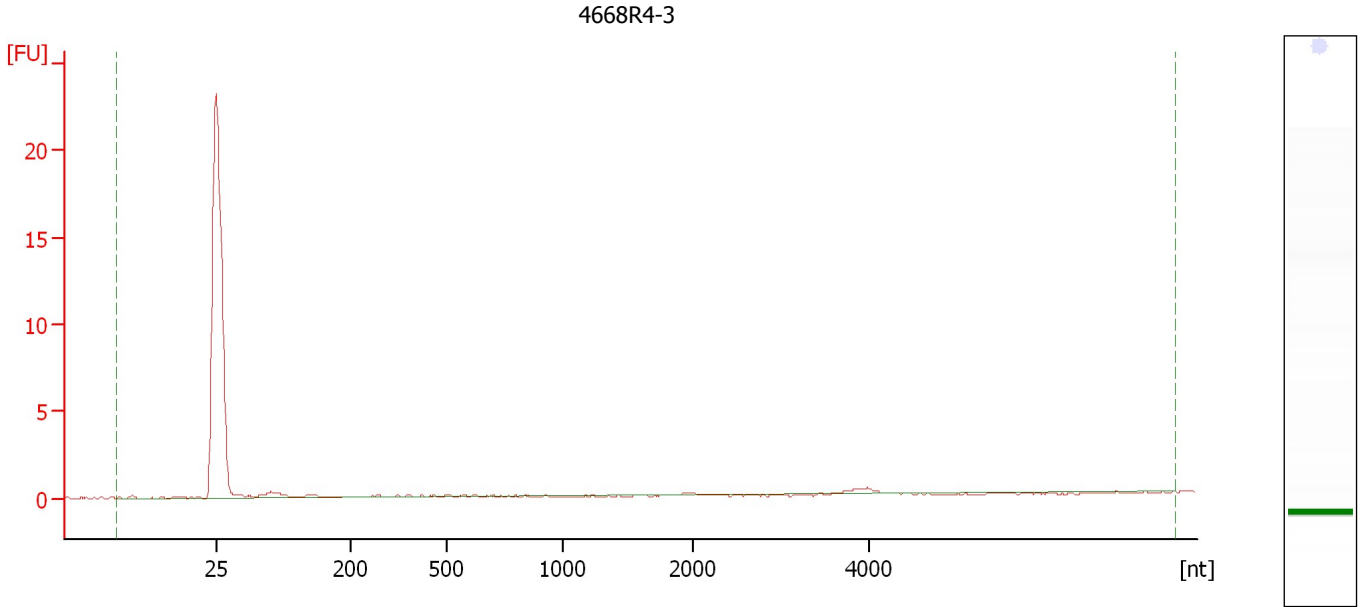
Fragment table for sample 8 : 68li

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,380	1,894	302.4	13.0
28S	2,700	3,400	51.1	2.2

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-18\2017-08-18_001.xad

Created: 8/18/2017 9:41:46 AM
Modified: 8/18/2017 10:04:42 AM

Electropherogram Summary Continued ...



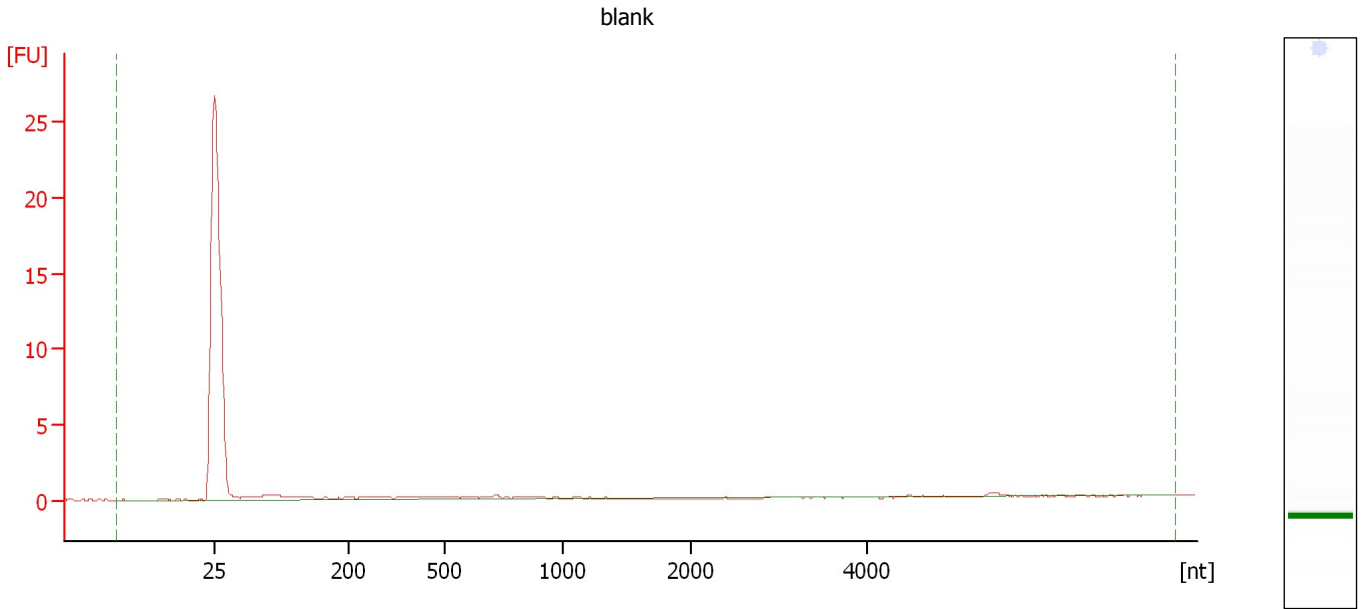
Overall Results for sample 9 : 4668R4-3

RNA Area:	3.0	RNA Integrity Number (RIN):	1 (B.02.08)
RNA Concentration:	12 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN:1

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-18\2017-08-18_001.xad

Created: 8/18/2017 9:41:46 AM
Modified: 8/18/2017 10:04:42 AM

Electropherogram Summary Continued ...



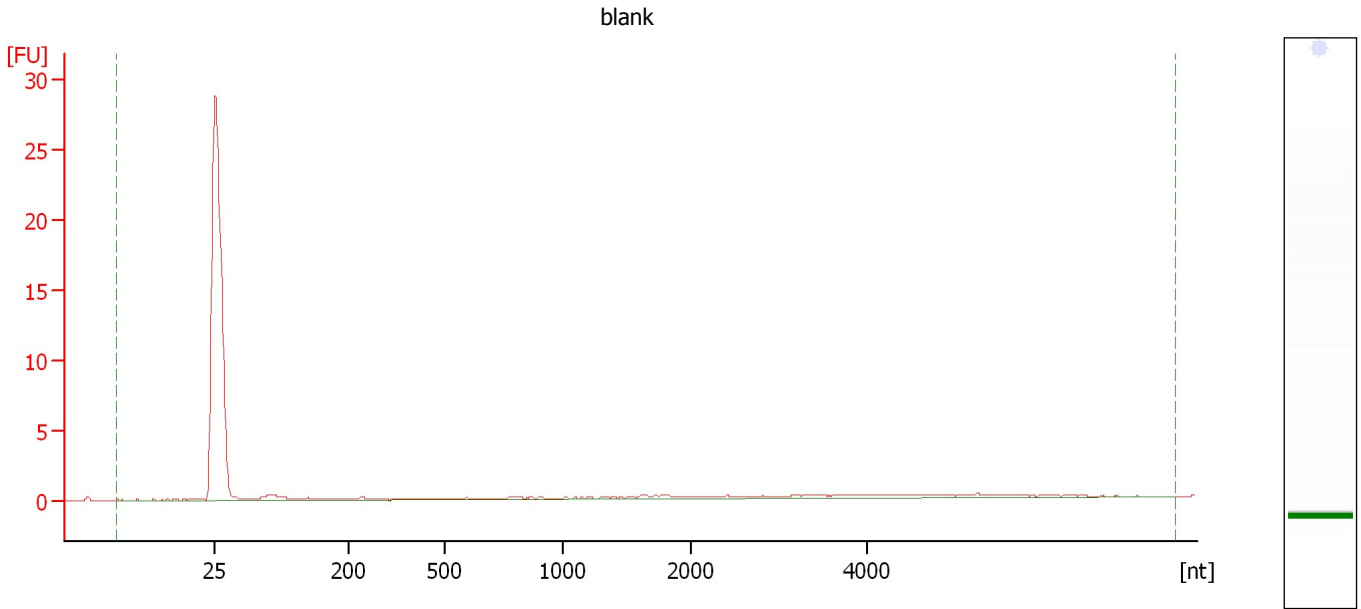
Overall Results for sample 10 : blank

RNA Area:	9.6	RNA Integrity Number (RIN):	1 (B.02.08)
RNA Concentration:	40 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN:1

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-18\2017-08-18_001.xad

Created: 8/18/2017 9:41:46 AM
Modified: 8/18/2017 10:04:42 AM

Electropherogram Summary Continued ...



Overall Results for sample 11 : blank

RNA Area:	8.7	RNA Integrity Number (RIN):	1 (B.02.08)
RNA Concentration:	36 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN:1

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-18\2017-08-18_001.xad

Created: 8/18/2017 9:41:46 AM
Modified: 8/18/2017 10:04:42 AM

Gel Image

