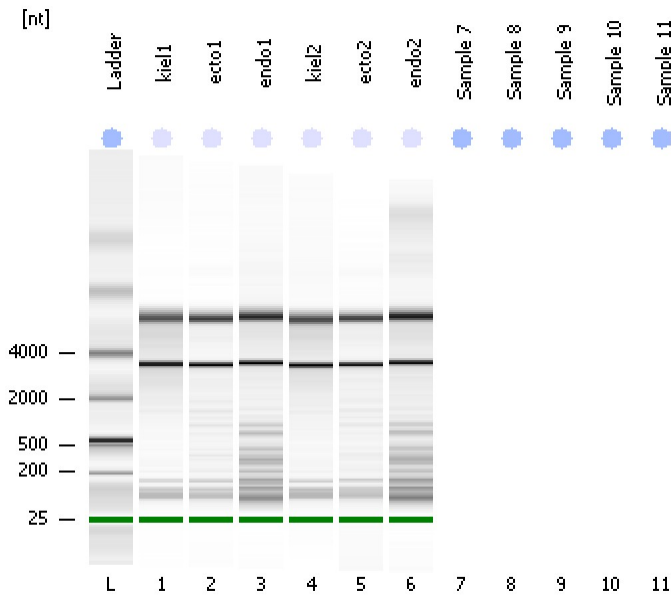


Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-05\2017-05-05_001.xad

Created: 5/5/2017 12:00:32 PM
Modified: 5/5/2017 12:49:48 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 Pico Series II.xsy

Assay Class: Eukaryote Total RNA Pico

Version: 2.6

Assay Comments: Total RNA Analysis pg sensitivity (Eukaryote)

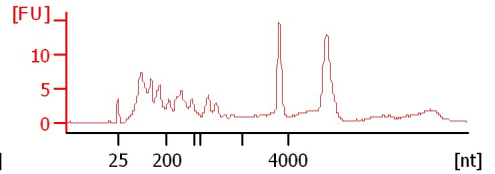
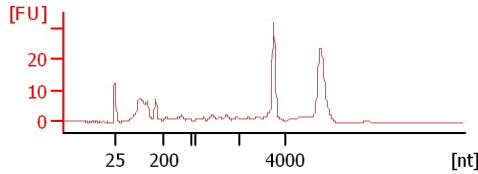
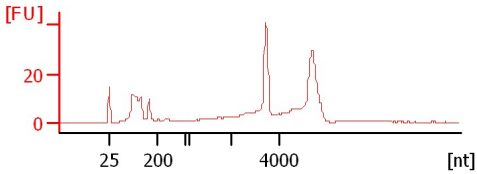
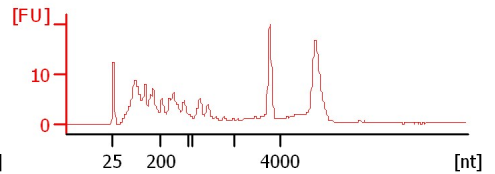
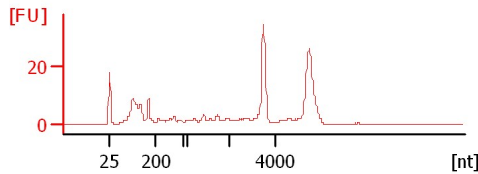
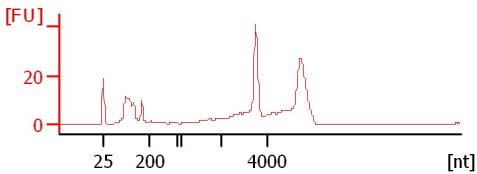
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Chip Information:

Chip Lot #:

Reagent Kit Lot #:

Chip Comments:



Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-05\2017-05-05_001.xad

Created: 5/5/2017 12:00:32 PM
Modified: 5/5/2017 12:49:48 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
kiel1		✓	RIN: 9.10	
ecto1		✓	RIN: 8.20	
endo1		✓	RIN: 7.10	
kiel2		✓	RIN: 8.60	
ecto2		✓	RIN: 8.40	
endo2		✓	RIN: 6.80	
Sample 7			All Other Samples	
Sample 8			All Other Samples	
Sample 9			All Other Samples	
Sample 10			All Other Samples	
Sample 11			All Other Samples	
Ladder		✓	All Other Samples	

Chip Lot #

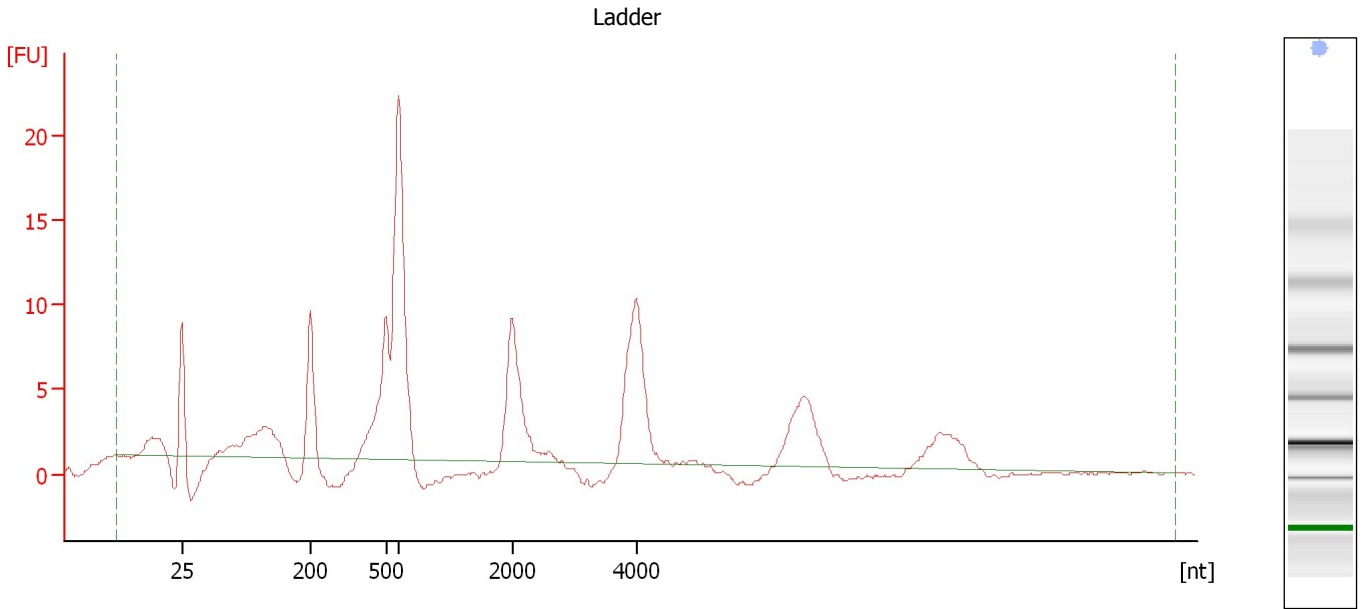
Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-05\2017-05-05_001.xad

Created: 5/5/2017 12:00:32 PM
Modified: 5/5/2017 12:49:48 PM

Electropherogram Summary



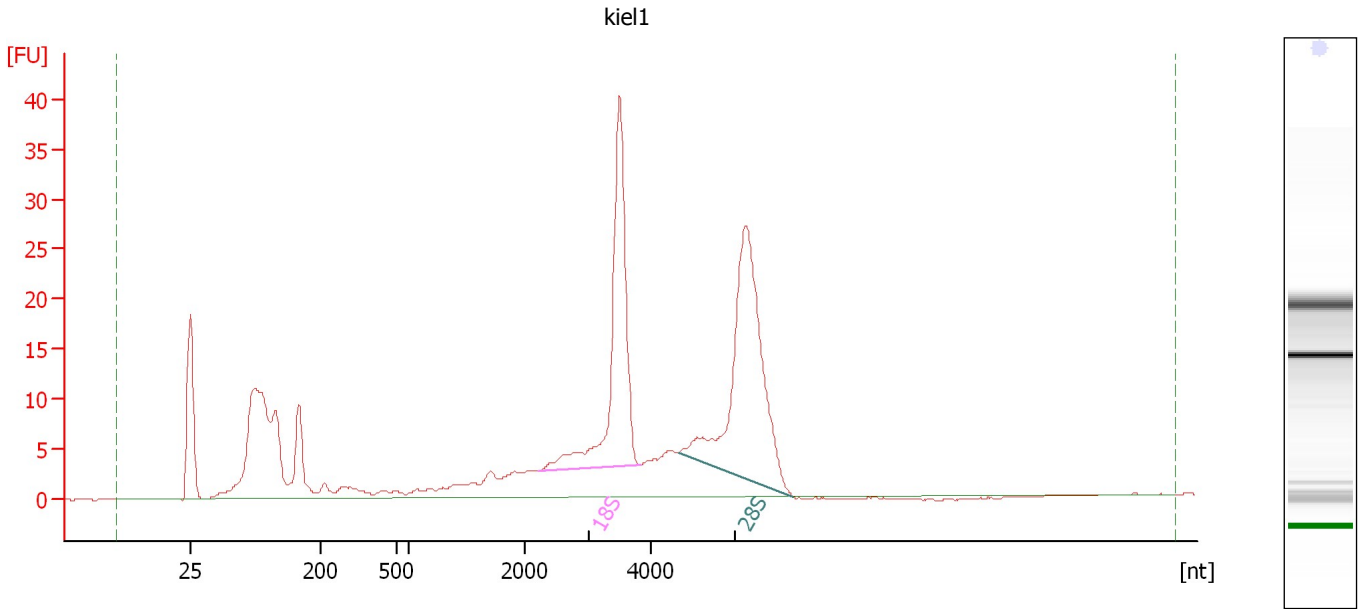
Overall Results for Ladder

RNA Area:	134.4	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\2017-05-05\2017-05-05_001.xad

Created: 5/5/2017 12:00:32 PM
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Electropherogram Summary Continued ...



Overall Results for sample 1 : kiel1

RNA Area:	333.4	RNA Integrity Number (RIN):	9.1 (B.02.08)
RNA Concentration:	2,481 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.3	Result Flagging Label:	RIN: 9.10

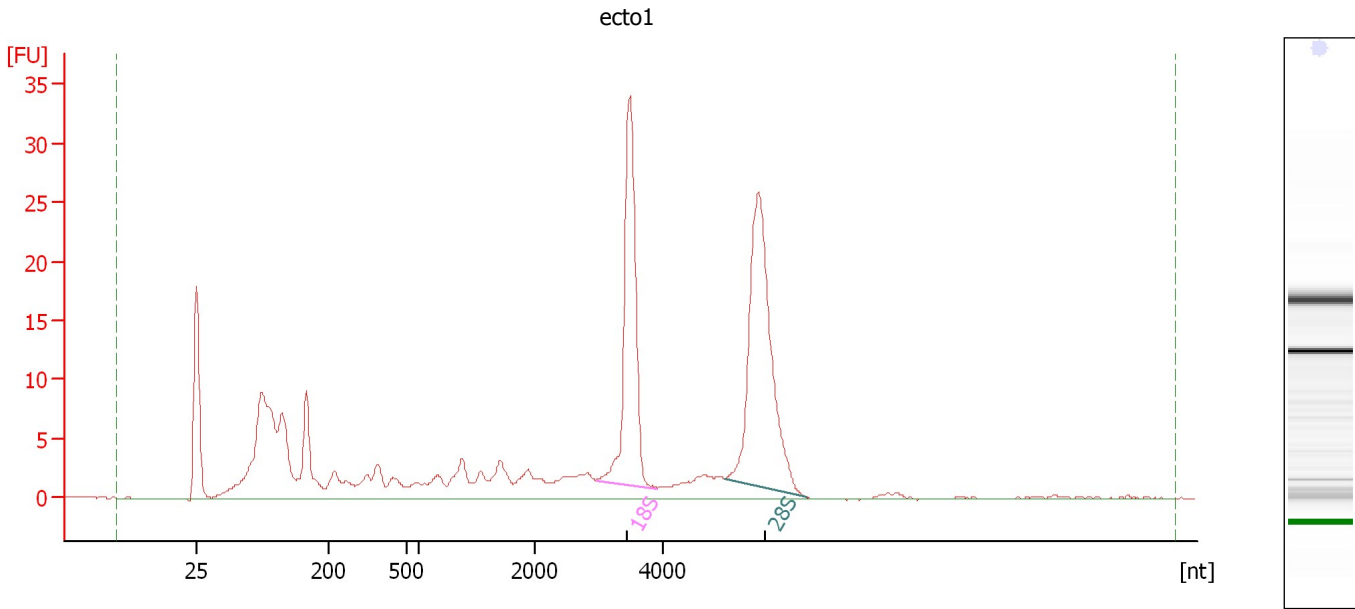
Fragment table for sample 1 : kiel1

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	2,224	3,837	63.7	19.1
28S	4,431	6,264	81.3	24.4

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-05\2017-05-05_001.xad

Created: 5/5/2017 12:00:32 PM
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Electropherogram Summary Continued ...



Overall Results for sample 2 : ecto1

RNA Area:	255.8	RNA Integrity Number (RIN):	8.2 (B.02.08)
RNA Concentration:	1,903 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.3	Result Flagging Label:	RIN: 8.20

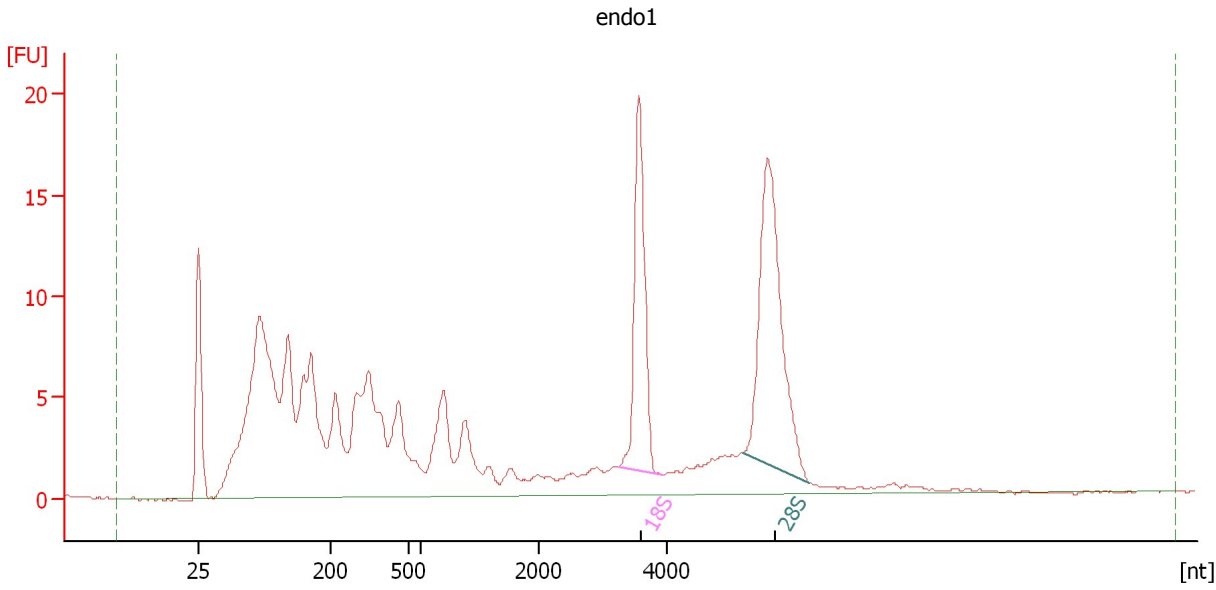
Fragment table for sample 2 : ecto1

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	2,956	3,912	44.8	17.5
28S	4,967	6,241	58.9	23.0

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-05\2017-05-05_001.xad

Created: 5/5/2017 12:00:32 PM
Modified: 5/5/2017 12:49:48 PM

Electropherogram Summary Continued ...



Overall Results for sample 3 : endo1

RNA Area:	269.7	RNA Integrity Number (RIN):	7.1 (B.02.08)
RNA Concentration:	2,006 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.5	Result Flagging Label:	RIN: 7.10

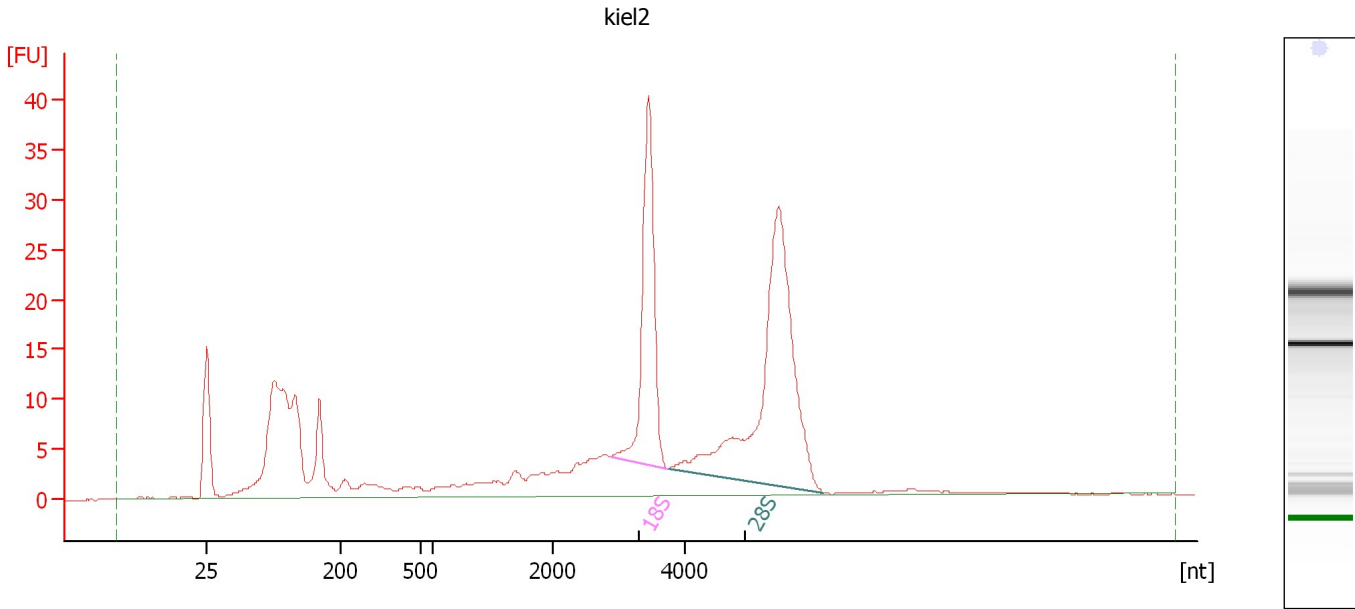
Fragment table for sample 3 : endo1

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	3,230	3,914	23.7	8.8
28S	5,165	6,200	35.8	13.3

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-05\2017-05-05_001.xad

Created: 5/5/2017 12:00:32 PM
Modified: 5/5/2017 12:49:48 PM

Electropherogram Summary Continued ...



Overall Results for sample 4 : kiel2

RNA Area:	343.8	RNA Integrity Number (RIN):	8.6 (B.02.08)
RNA Concentration:	2,558 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.8	Result Flagging Label:	RIN: 8.60

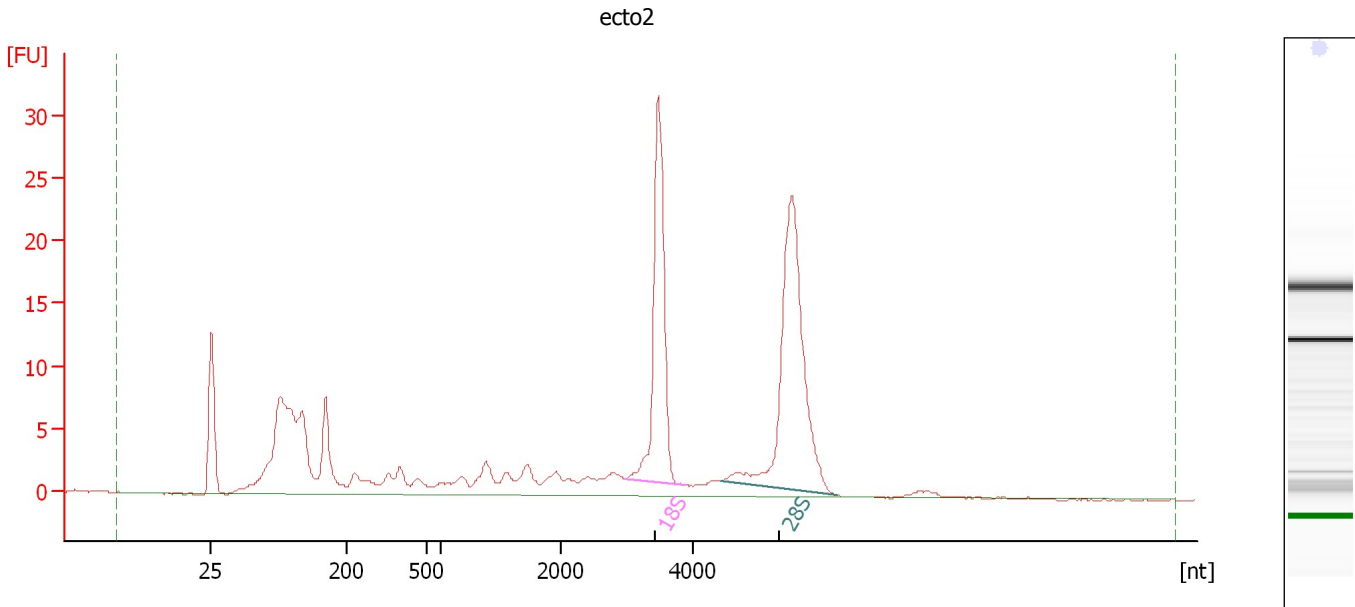
Fragment table for sample 4 : kiel2

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	2,889	3,726	51.8	15.1
28S	3,775	6,137	95.8	27.9

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-05\2017-05-05_001.xad

Created: 5/5/2017 12:00:32 PM
Modified: 5/5/2017 12:49:48 PM

Electropherogram Summary Continued ...



Overall Results for sample 5 : ecto2

RNA Area:	213.5	RNA Integrity Number (RIN):	8.4 (B.02.08)
RNA Concentration:	1,588 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.4	Result Flagging Label:	RIN: 8.40

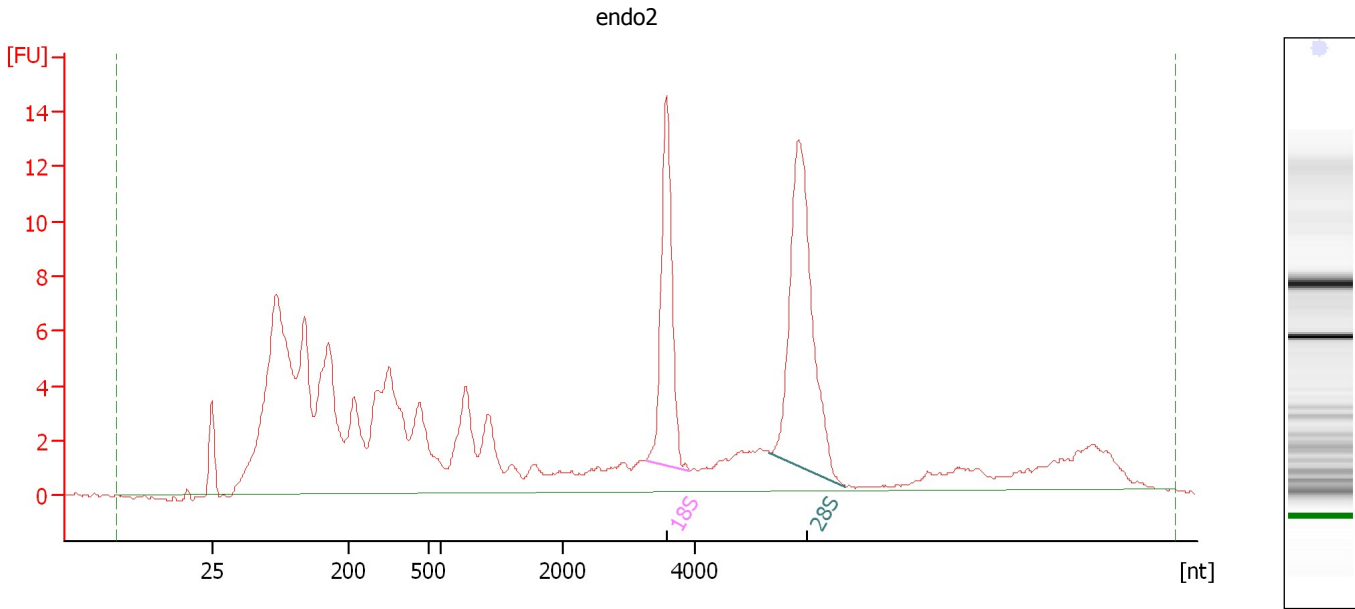
Fragment table for sample 5 : ecto2

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	2,967	3,895	38.3	17.9
28S	4,432	6,205	54.2	25.4

Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-05\2017-05-05_001.xad

Created: 5/5/2017 12:00:32 PM
 Modified: 5/5/2017 12:49:48 PM

Electropherogram Summary Continued ...



Overall Results for sample 6 : endo2

RNA Area:	217.1	RNA Integrity Number (RIN):	6.8 (B.02.08)
RNA Concentration:	1,615 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.6	Result Flagging Label:	RIN: 6.80

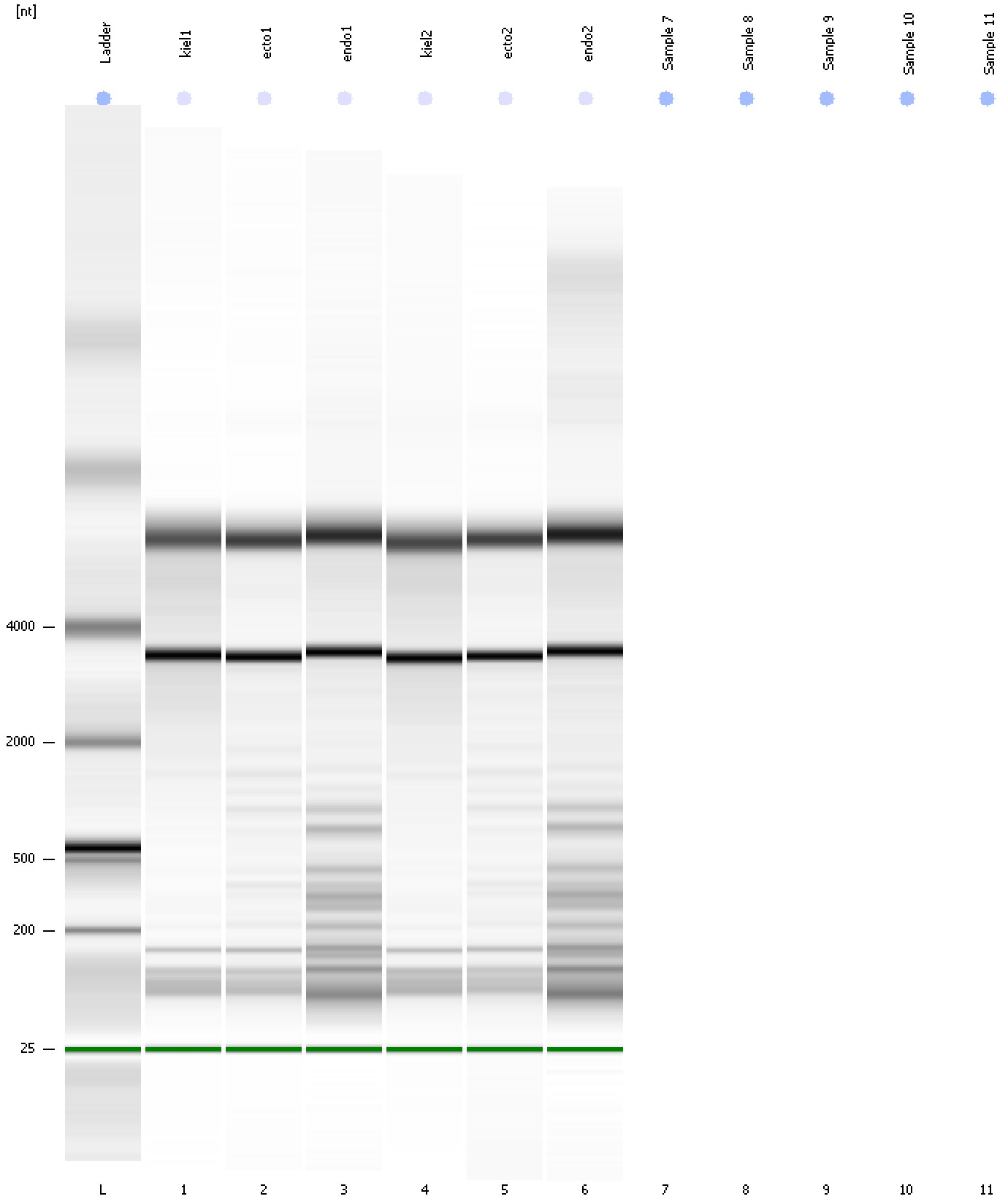
Fragment table for sample 6 : endo2

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	3,263	3,928	17.4	8.0
28S	5,146	6,298	27.6	12.7

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-05\2017-05-05_001.xad

Created: 5/5/2017 12:00:32 PM
Modified: 5/5/2017 12:49:48 PM

Gel Image



Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-05\2017-05-05_001.xad

Created: 5/5/2017 12:00:32 PM
Modified: 5/5/2017 12:49:48 PM

Invalid Samples

Sample 7 has not been run, no results available.

Sample 8 has not been run, no results available.

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.