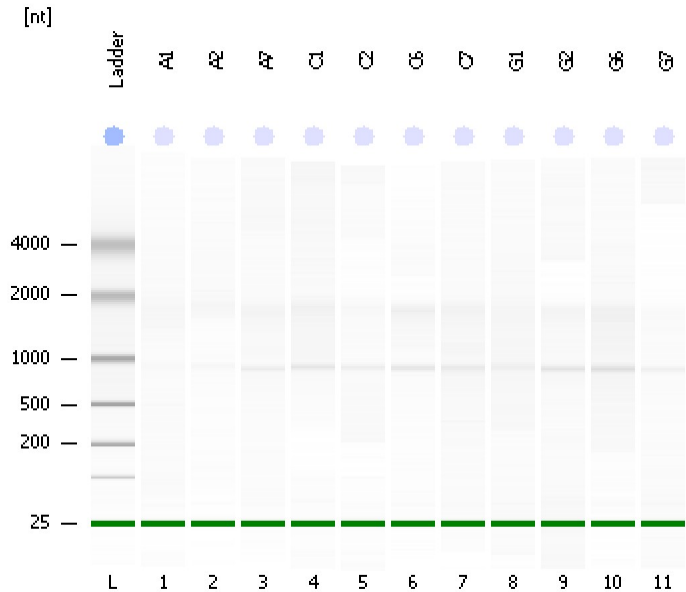


Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-08\2018-01-08_001.xad

Created: 1/8/2018 11:18:59 AM
Modified: 1/8/2018 11:41:55 AM

Electrophoresis File Run Summary



Instrument Information:

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

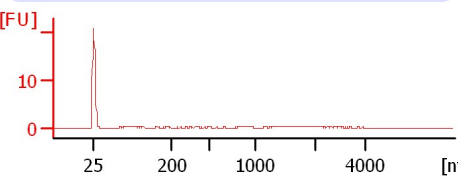
Assay Information:

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)
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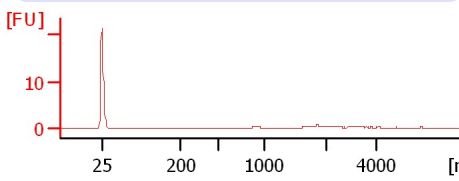
Chip Information:

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

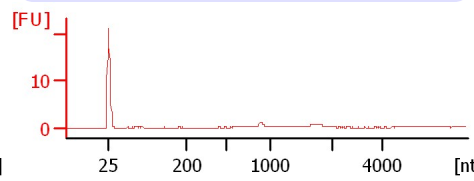
A1
Ross_Paulson_RNAQC
RIN: 1



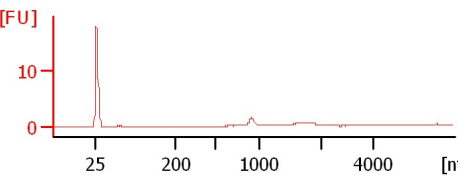
A2
Ross_Paulson_RNAQC
RIN: 4.20



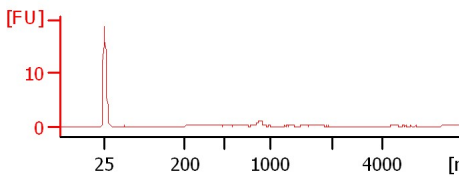
A7
Ross_Paulson_RNAQC
RIN: 6



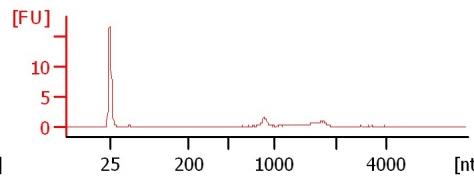
C1
Ross_Paulson_RNAQC
RIN: 8.50



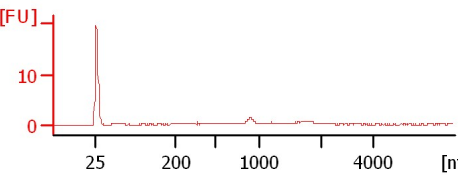
C2
Ross_Paulson_RNAQC
RIN: 6.40



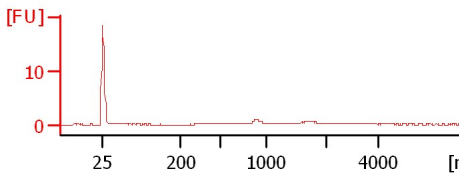
C6
Ross_Paulson_RNAQC
RIN: 6.60



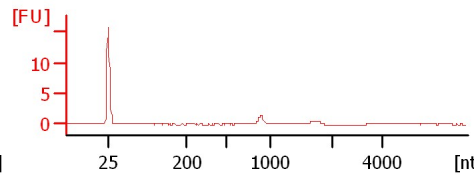
C7
Ross_Paulson_RNAQC
RIN: 4.90



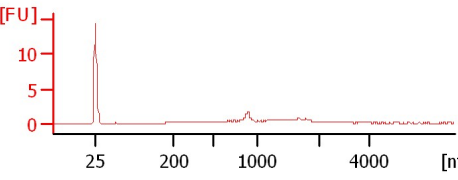
G1
Ross_Paulson_RNAQC
RIN: 3.70



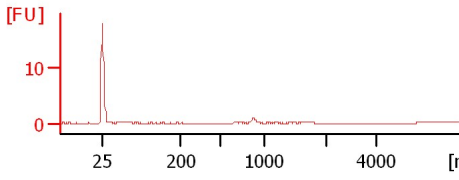
G2
Ross_Paulson_RNAQC
RIN: 7.20



G6
Ross_Paulson_RNAQC
RIN: 5.90



G7
Ross_Paulson_RNAQC
RIN: 6.70



Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-08\2018-01-08_001.xad

Created: 1/8/2018 11:18:59 AM
 Modified: 1/8/2018 11:41:55 AM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
A1	Ross_Paulson_RNAQC	✓	RIN:1	
A2	Ross_Paulson_RNAQC	✓	RIN: 4.20	
A7	Ross_Paulson_RNAQC	✓	RIN:6	
C1	Ross_Paulson_RNAQC	✓	RIN: 8.50	
C2	Ross_Paulson_RNAQC	✓	RIN: 6.40	
C6	Ross_Paulson_RNAQC	✓	RIN: 6.60	
C7	Ross_Paulson_RNAQC	✓	RIN: 4.90	
G1	Ross_Paulson_RNAQC	✓	RIN: 3.70	
G2	Ross_Paulson_RNAQC	✓	RIN: 7.20	
G6	Ross_Paulson_RNAQC	✓	RIN: 5.90	
G7	Ross_Paulson_RNAQC	✓	RIN: 6.70	
Ladder		✓	All Other Samples	

Chip Lot #

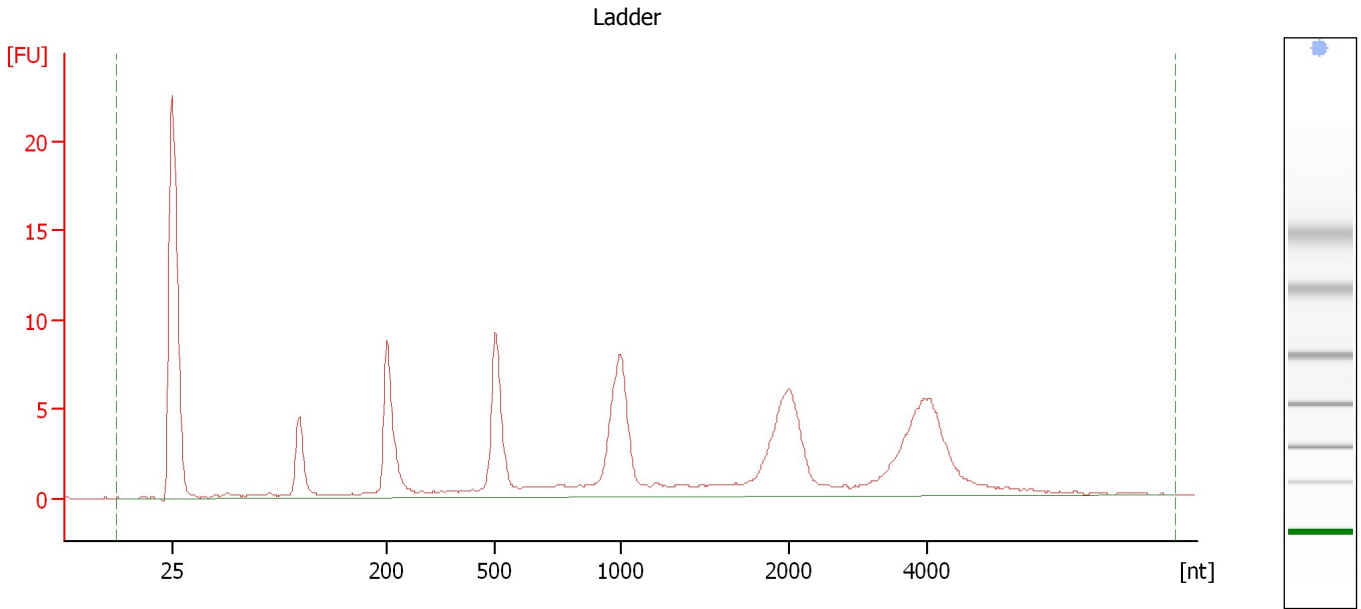
Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-08\2018-01-08_001.xad

Created: 1/8/2018 11:18:59 AM
Modified: 1/8/2018 11:41:55 AM

Electropherogram Summary



Overall Results for Ladder

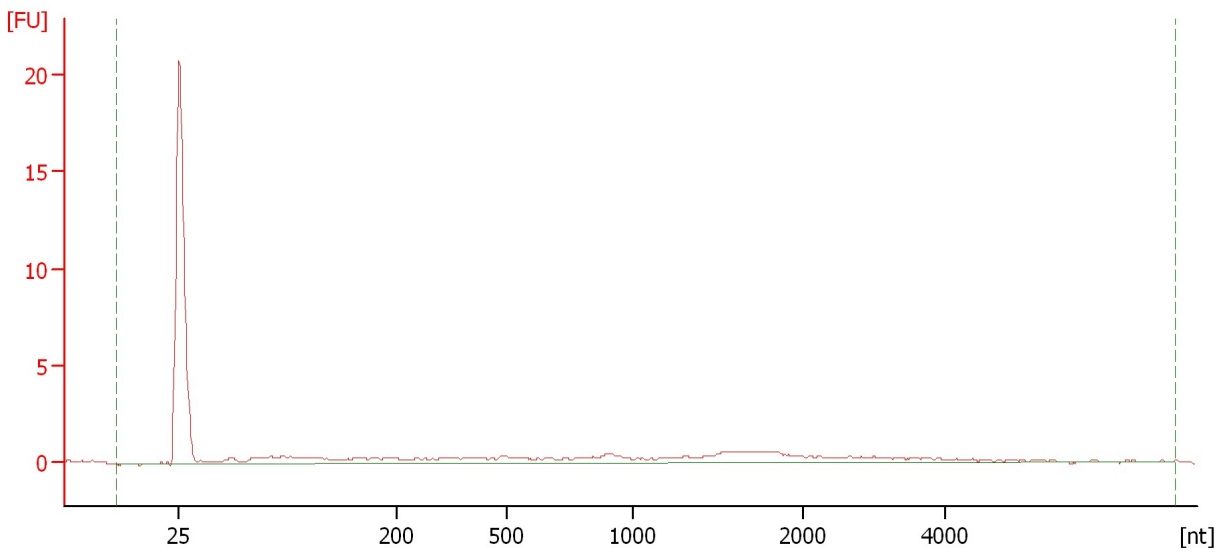
RNA Area:	121.1	Result Flagging Color:	
RNA Concentration:	1,000 pg/μl	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-08\2018-01-08_001.xad

Created: 1/8/2018 11:18:59 AM
Modified: 1/8/2018 11:41:55 AM

Electropherogram Summary Continued ...

A1 [Ross_Paulson_RNAQC]



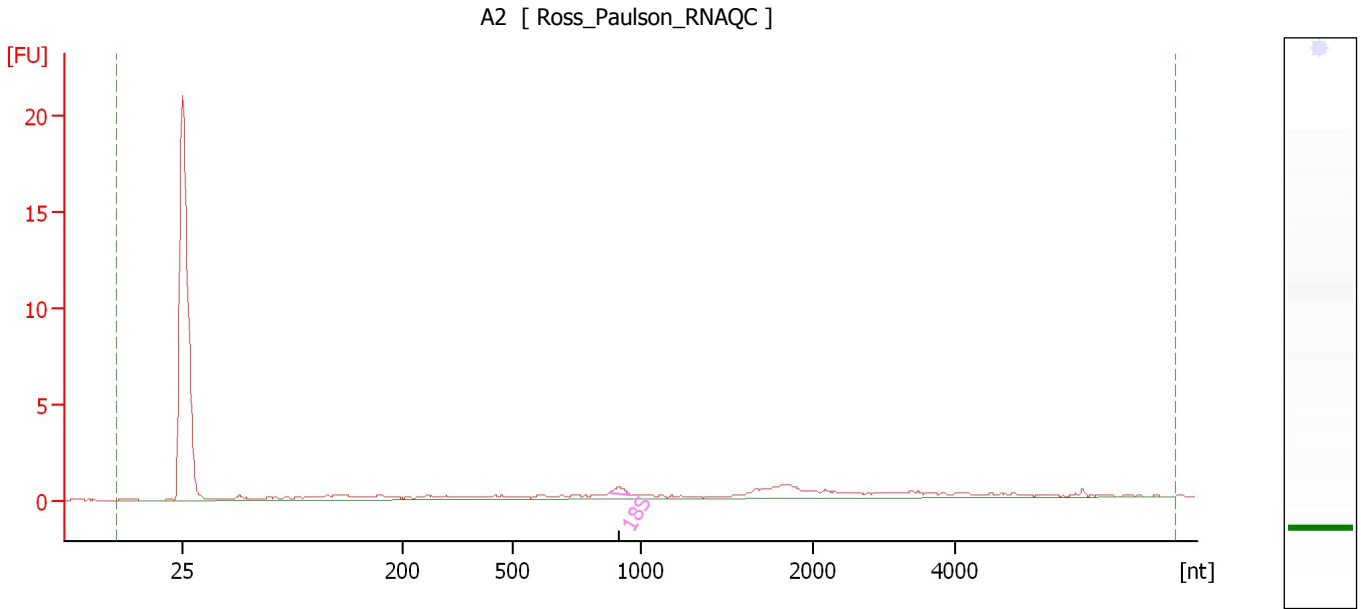
Overall Results for sample 1 : A1

RNA Area:	24.2	RNA Integrity Number (RIN):	1 (B.02.08)
RNA Concentration:	200 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\2018-01-08\2018-01-08_001.xad

Created: 1/8/2018 11:18:59 AM
Modified: 1/8/2018 11:41:55 AM

Electropherogram Summary Continued ...



Overall Results for sample 2 : A2

RNA Area:	18.7	RNA Integrity Number (RIN):	4.2 (B.02.08)
RNA Concentration:	155 µg/µl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 4.20

Fragment table for sample 2 : A2

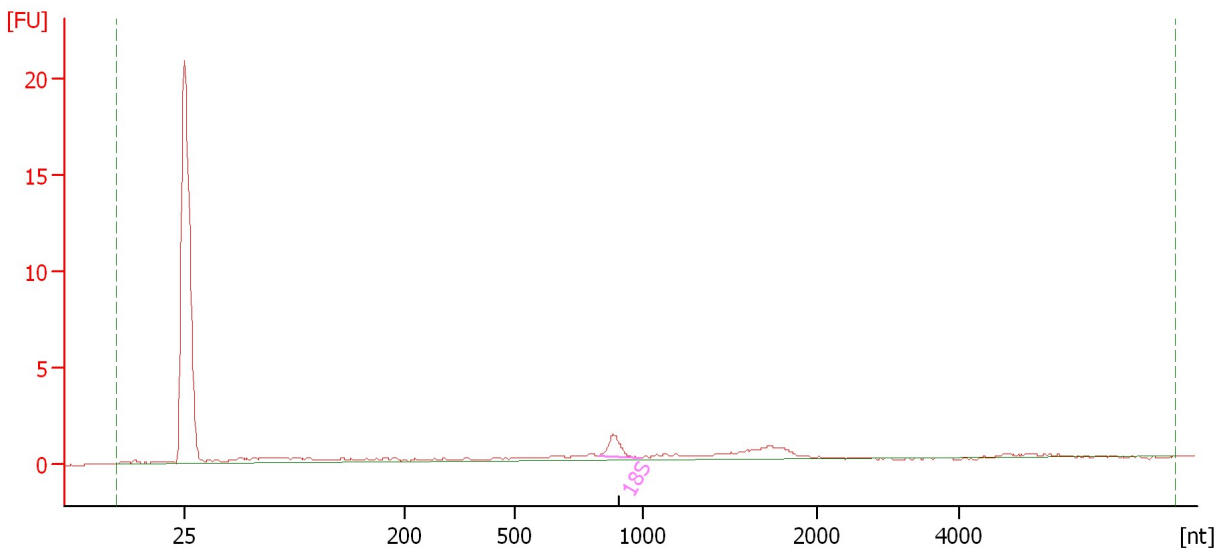
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	876	960	0.5	2.4

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-08\2018-01-08_001.xad

Created: 1/8/2018 11:18:59 AM
Modified: 1/8/2018 11:41:55 AM

Electropherogram Summary Continued ...

A7 [Ross_Paulson_RNAQC]



Overall Results for sample 3 : A7

RNA Area:	19.4	RNA Integrity Number (RIN):	6 (B.02.08)
RNA Concentration:	160 µg/µl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN:6

Fragment table for sample 3 : A7

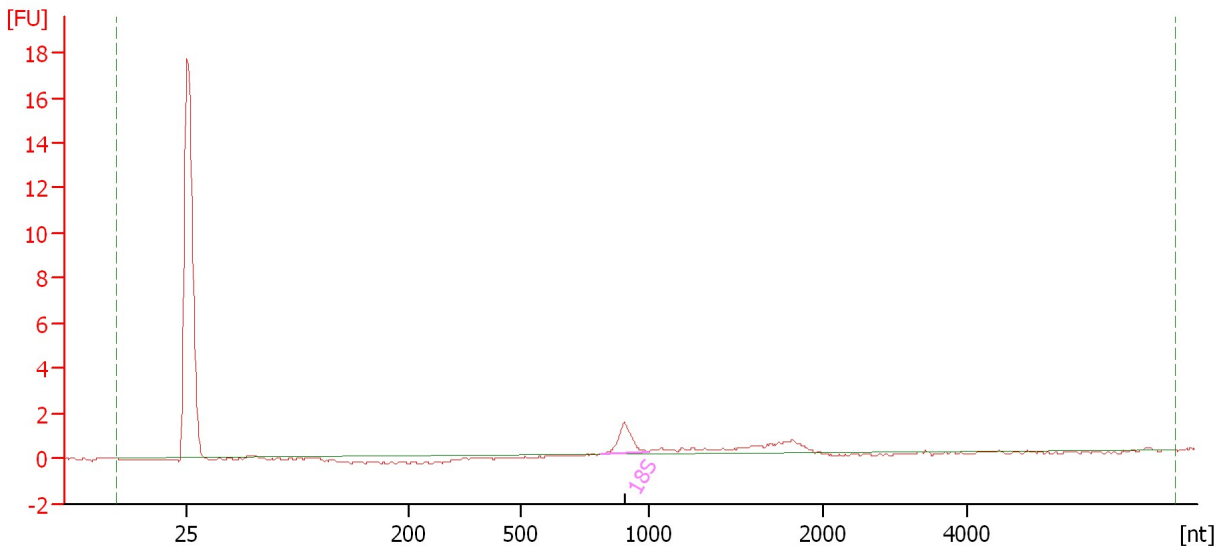
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	827	989	1.7	8.7

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-08\2018-01-08_001.xad

Created: 1/8/2018 11:18:59 AM
Modified: 1/8/2018 11:41:55 AM

Electropherogram Summary Continued ...

C1 [Ross_Paulson_RNAQC]



Overall Results for sample 4 : C1

RNA Area:	6.9	RNA Integrity Number (RIN):	8.5 (B.02.08)
RNA Concentration:	57 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 8.50

Fragment table for sample 4 : C1

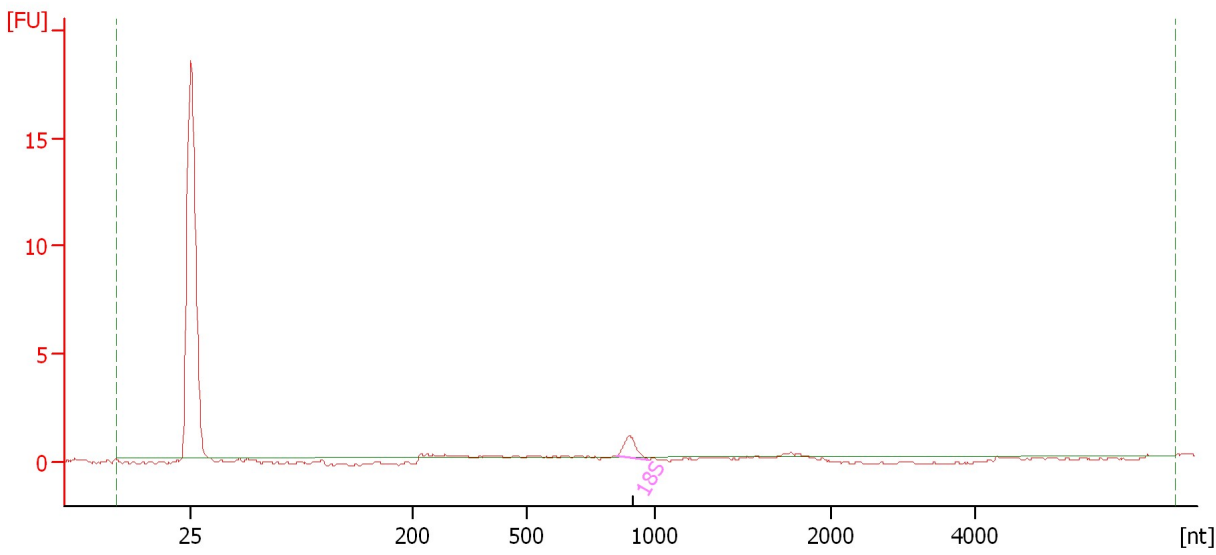
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	812	994	2.3	33.1

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-08\2018-01-08_001.xad

Created: 1/8/2018 11:18:59 AM
Modified: 1/8/2018 11:41:55 AM

Electropherogram Summary Continued ...

C2 [Ross_Paulson_RNAQC]



Overall Results for sample 5 : C2

RNA Area:	2.8	RNA Integrity Number (RIN):	6.4 (B.02.08)
RNA Concentration:	23 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 6.40

Fragment table for sample 5 : C2

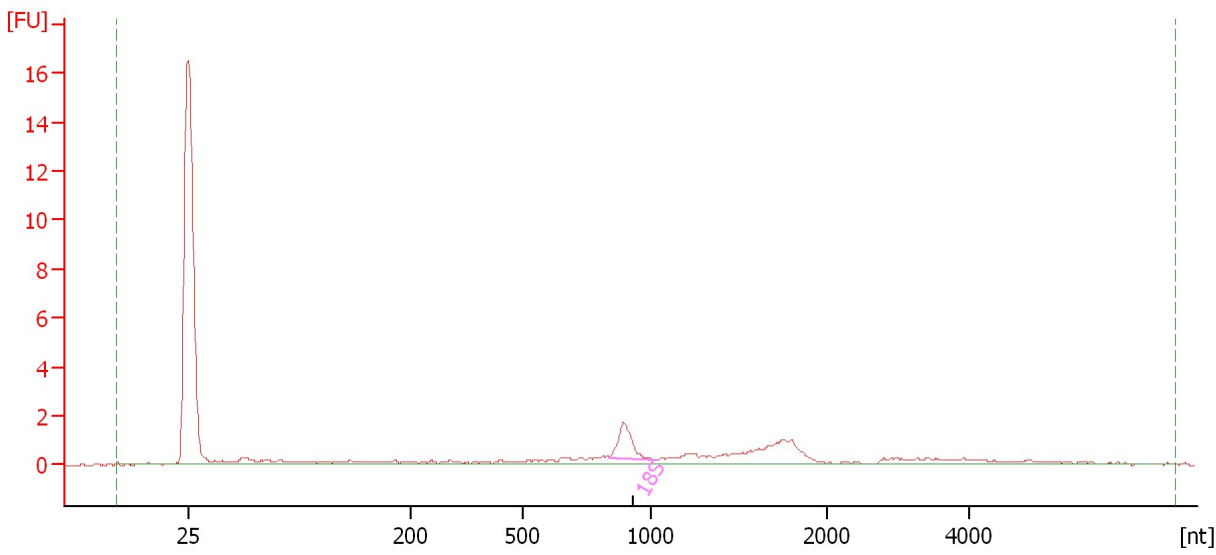
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	847	974	1.5	53.6

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-08\2018-01-08_001.xad

Created: 1/8/2018 11:18:59 AM
Modified: 1/8/2018 11:41:55 AM

Electropherogram Summary Continued ...

C6 [Ross_Paulson_RNAQC]



Overall Results for sample 6 : C6

RNA Area:	18.3	RNA Integrity Number (RIN):	6.6 (B.02.08)
RNA Concentration:	151 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 6.60

Fragment table for sample 6 : C6

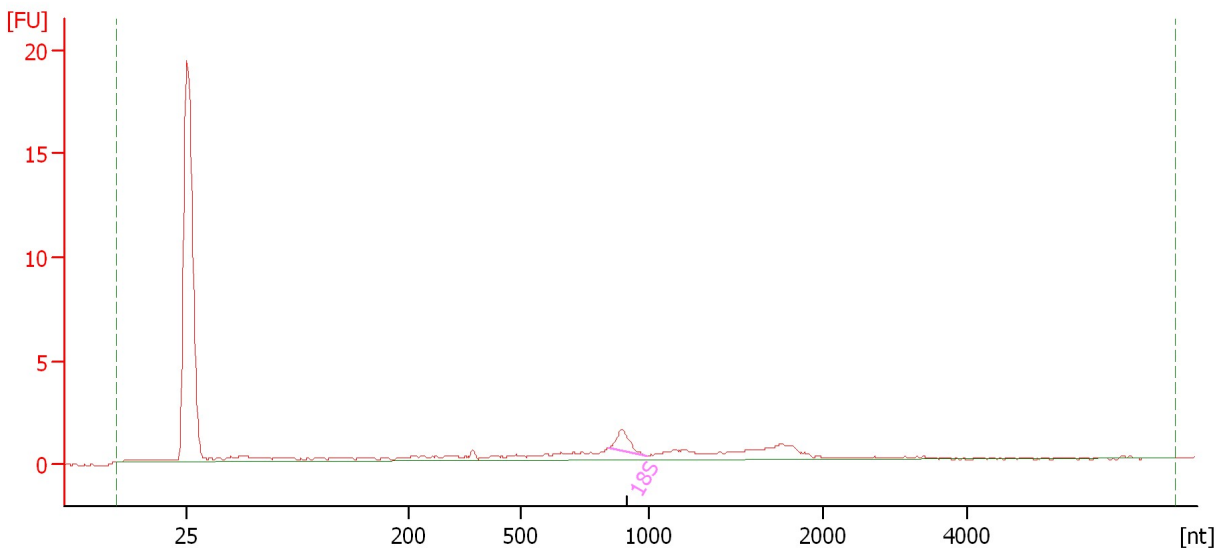
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	837	1,029	2.5	13.4

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-08\2018-01-08_001.xad

Created: 1/8/2018 11:18:59 AM
Modified: 1/8/2018 11:41:55 AM

Electropherogram Summary Continued ...

C7 [Ross_Paulson_RNAQC]



Overall Results for sample 7 : C7

RNA Area:	21.1	RNA Integrity Number (RIN):	4.9 (B.02.08)
RNA Concentration:	175 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 4.90

Fragment table for sample 7 : C7

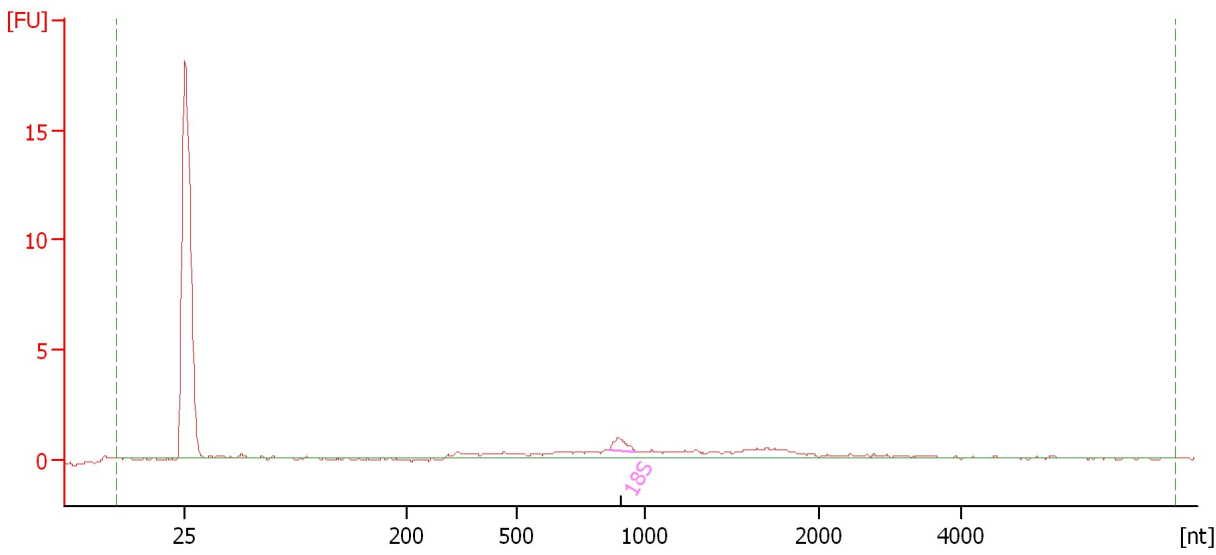
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	845	986	1.6	7.7

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-08\2018-01-08_001.xad

Created: 1/8/2018 11:18:59 AM
Modified: 1/8/2018 11:41:55 AM

Electropherogram Summary Continued ...

G1 [Ross_Paulson_RNAQC]



Overall Results for sample 8 : G1

RNA Area:	12.6	RNA Integrity Number (RIN):	3.7 (B.02.08)
RNA Concentration:	104 µg/µl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 3.70

Fragment table for sample 8 : G1

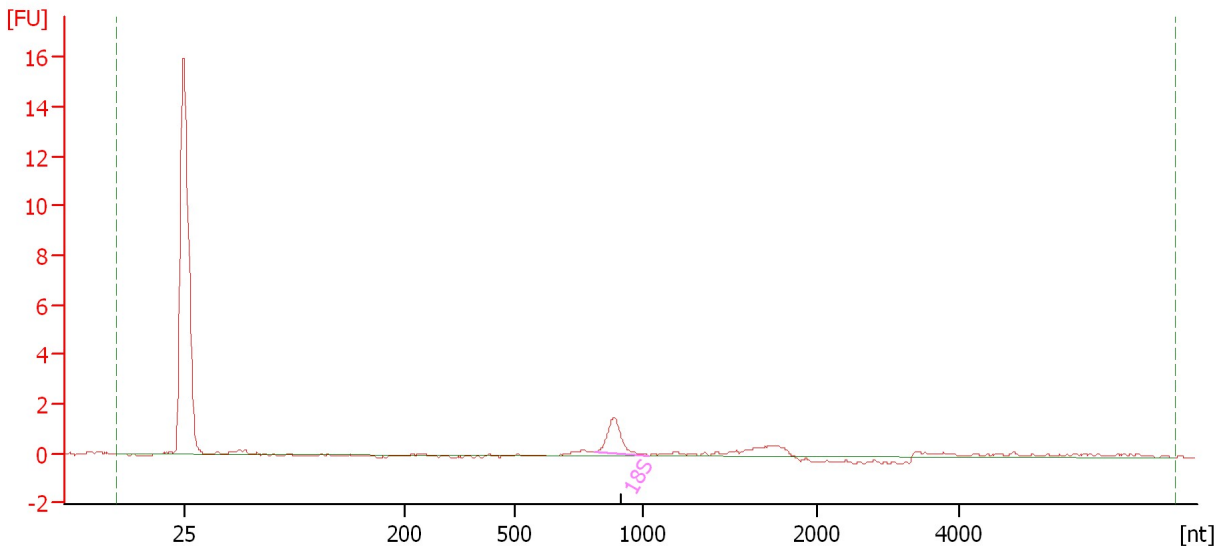
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	856	960	0.9	6.9

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-08\2018-01-08_001.xad

Created: 1/8/2018 11:18:59 AM
Modified: 1/8/2018 11:41:55 AM

Electropherogram Summary Continued ...

G2 [Ross_Paulson_RNAQC]



Overall Results for sample 9 : G2

RNA Area:	9.2	RNA Integrity Number (RIN):	7.2 (B.02.08)
RNA Concentration:	76 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 7.20

Fragment table for sample 9 : G2

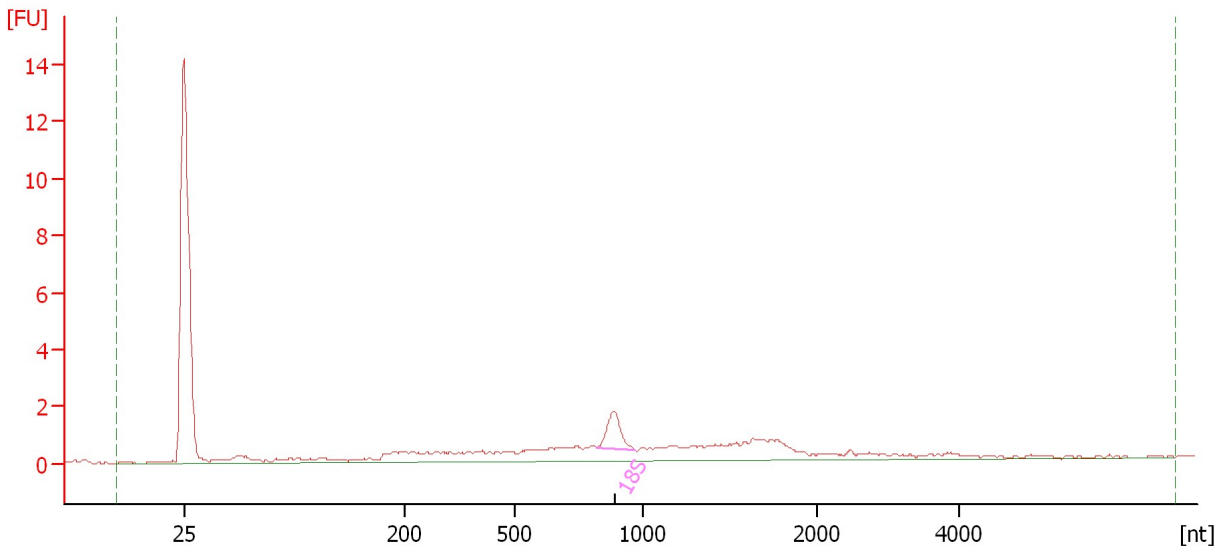
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	810	1,034	2.5	27.4

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-08\2018-01-08_001.xad

Created: 1/8/2018 11:18:59 AM
Modified: 1/8/2018 11:41:55 AM

Electropherogram Summary Continued ...

G6 [Ross_Paulson_RNAQC]



Overall Results for sample 10 : G6

RNA Area:	30.7	RNA Integrity Number (RIN):	5.9 (B.02.08)
RNA Concentration:	253 µg/µl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 5.90

Fragment table for sample 10 : G6

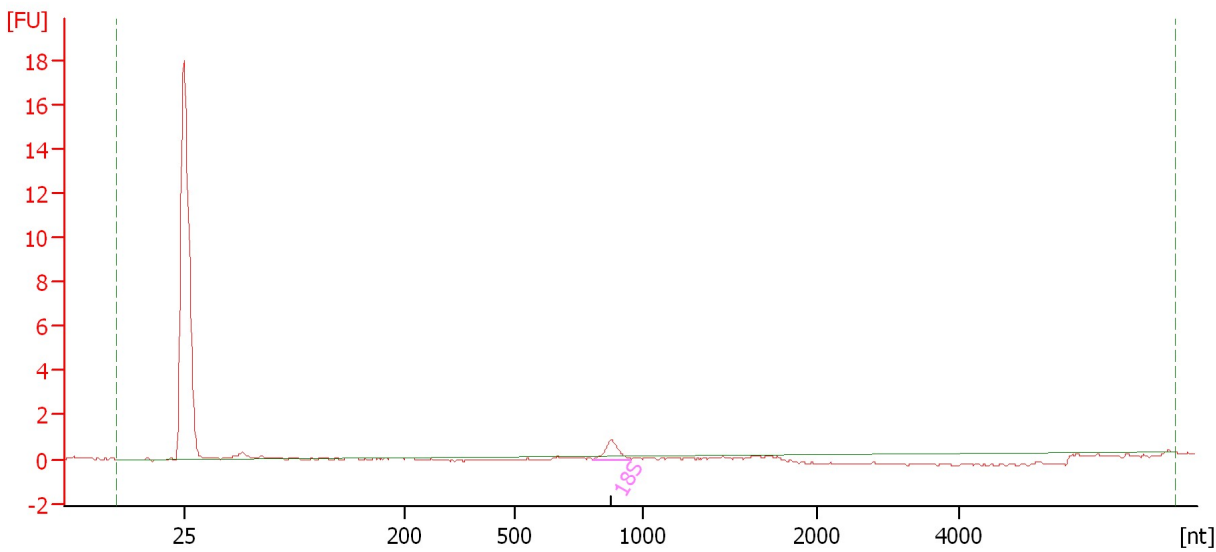
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	818	969	2.3	7.6

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-08\2018-01-08_001.xad

Created: 1/8/2018 11:18:59 AM
Modified: 1/8/2018 11:41:55 AM

Electropherogram Summary Continued ...

G7 [Ross_Paulson_RNAQC]



Overall Results for sample 11 : G7

RNA Area:	1.9	RNA Integrity Number (RIN):	6.7 (B.02.08)
RNA Concentration:	16 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 6.70

Fragment table for sample 11 : G7

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	806	952	1.4	74.5

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-08\2018-01-08_001.xad

Created: 1/8/2018 11:18:59 AM
Modified: 1/8/2018 11:41:55 AM

Gel Image

