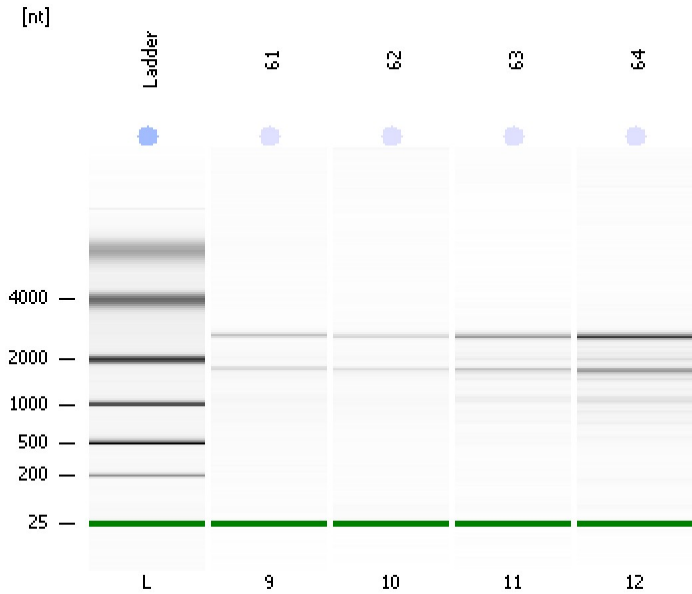


Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...rt\data\2018-06-15\2018-06-15_004_HiSeq1420_RNAQC_61-64.xad

Created: 6/15/2018 2:54:23 PM
Modified: 6/15/2018 3:36:33 PM

Electrophoresis File Run Summary



Instrument Information:

Instrument Name: DE34903152 Firmware: C.01.069
Serial#: DE34903152 Type: G2938C

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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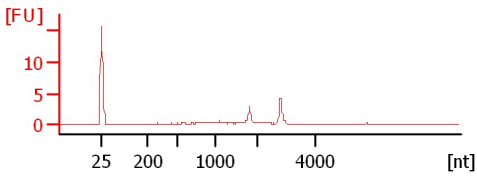
Chip Information:

Chip Lot #:

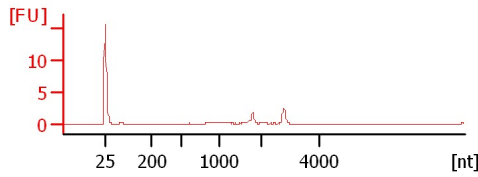
Reagent Kit Lot #:

Chip Comments:

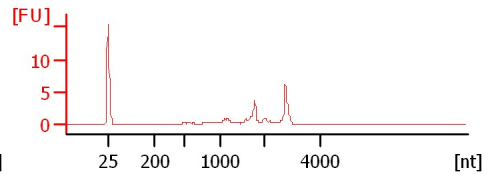
61
HiSeq_1420 RNA QC
RIN: 5.90



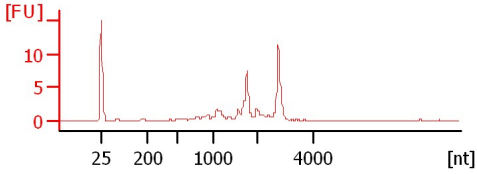
62
HiSeq_1420 RNA QC
RIN: 5.90



63
HiSeq_1420 RNA QC
RIN: 5.90



64
HiSeq_1420 RNA QC
RIN: 5.50



Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...rt\data\2018-06-15\2018-06-15_004_HiSeq1420_RNAQC_61-64.xad

Created: 6/15/2018 2:54:23 PM
 Modified: 6/15/2018 3:36:33 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
61	HiSeq_1420 RNA QC	✓	RIN: 5.90	
62	HiSeq_1420 RNA QC	✓	RIN: 5.90	
63	HiSeq_1420 RNA QC	✓	RIN: 5.90	
64	HiSeq_1420 RNA QC	✓	RIN: 5.50	
Ladder		✓	All Other Samples	

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...rt\data\2018-06-15\2018-06-15_004_HiSeq1420_RNAQC_61-64.xad

Created: 6/15/2018 2:54:23 PM
Modified: 6/15/2018 3:36:33 PM

Electrophoresis Assay Details

General Analysis Settings

Number of Available Sample and Ladder Wells (Max.) : 13
Minimum Visible Range [s] : 17
Maximum Visible Range [s] : 70
Start Analysis Time Range [s] : 19
End Analysis Time Range [s] : 69
Ladder Concentration [ng/μl] : 150
Lower Marker Concentration [ng/μl] : 0
Upper Marker Concentration [ng/μl] : 0
Used Lower Marker for Quantitation
Standard Curve Fit is Logarithmic
Show Data Aligned to Lower Marker

Integrator Settings

Integration Start Time [s] : 19
Integration End Time [s] : 69
Slope Threshold : 0.6
Height Threshold [FU] : 0.5
Area Threshold : 0.2
Width Threshold [s] : 0.5
Baseline Plateau [s] : 6

Filter Settings

Filter Width [s] : 0.5
Polynomial Order : 4

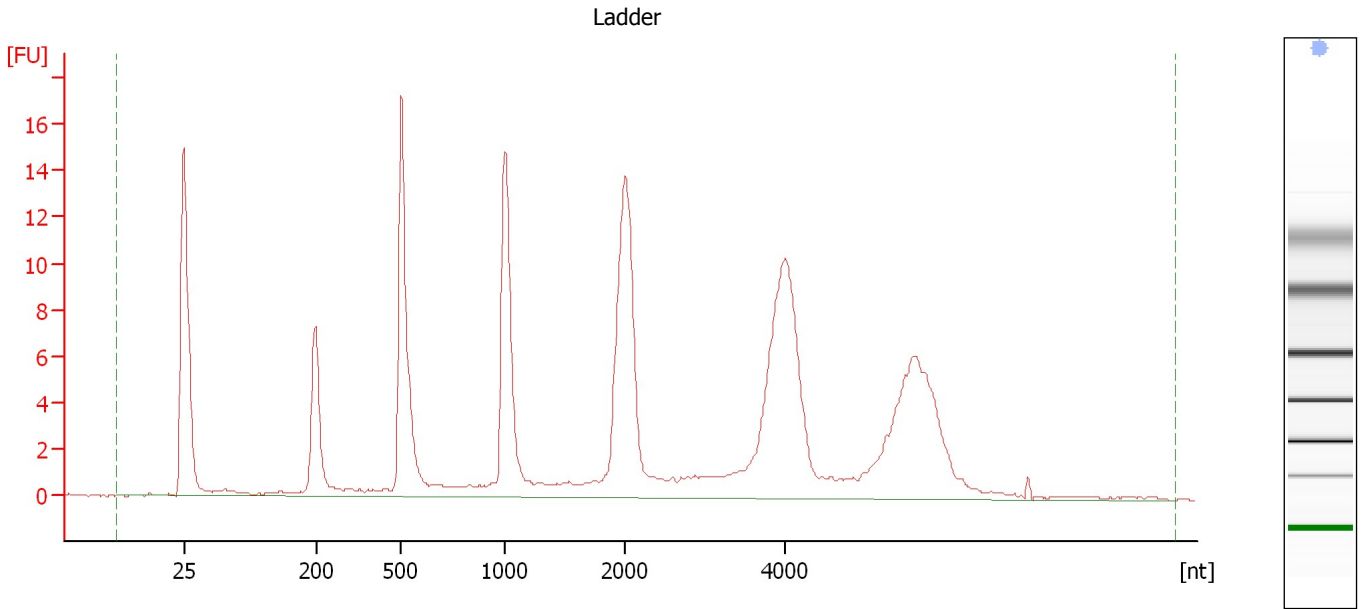
Ladder

Ladder Peak	Size
1	25
2	200
3	500
4	1000
5	2000
6	4000

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...rt\data\2018-06-15\2018-06-15_004_HiSeq1420_RNAQC_61-64.xad

Created: 6/15/2018 2:54:23 PM
Modified: 6/15/2018 3:36:33 PM

Electropherogram Summary



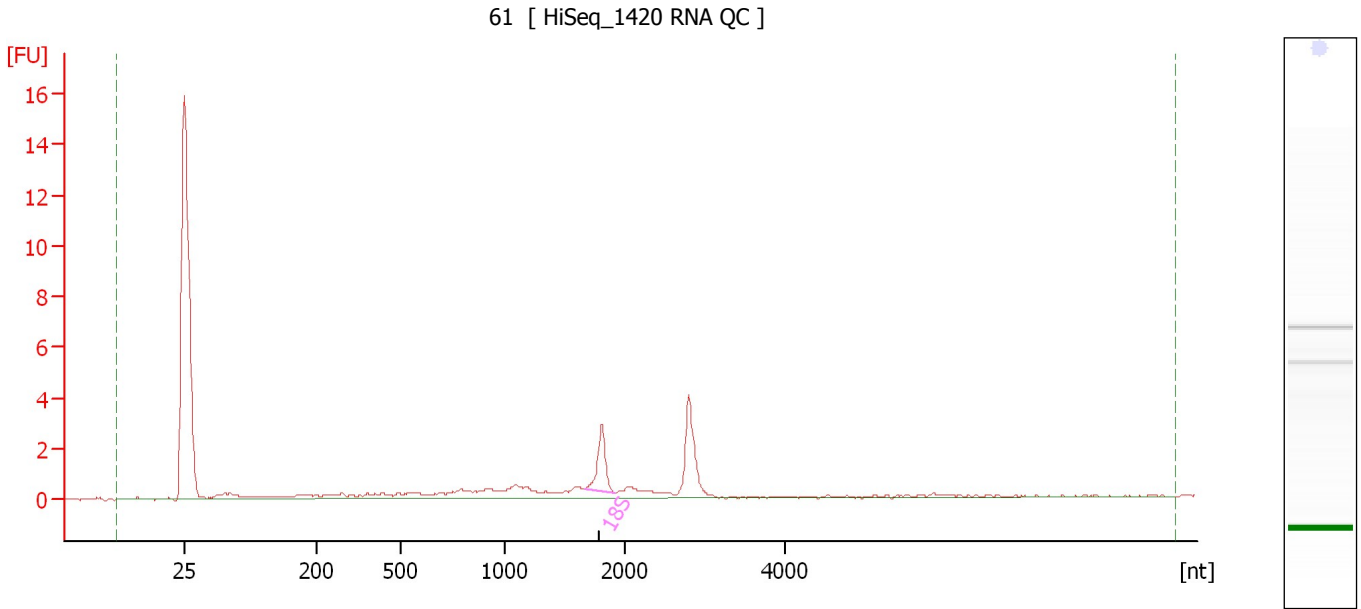
Overall Results for Ladder

RNA Area:	178.6	Result Flagging Color:	
RNA Concentration:	150 ng/μl	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...rt\data\2018-06-15\2018-06-15_004_HiSeq1420_RNAQC_61-64.xad

Created: 6/15/2018 2:54:23 PM
 Modified: 6/15/2018 3:36:33 PM

Electropherogram Summary Continued ...



Overall Results for sample 9 : 61

RNA Area:	22.4	RNA Integrity Number (RIN):	5.9 (B.02.08)
RNA Concentration:	19 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 5.90

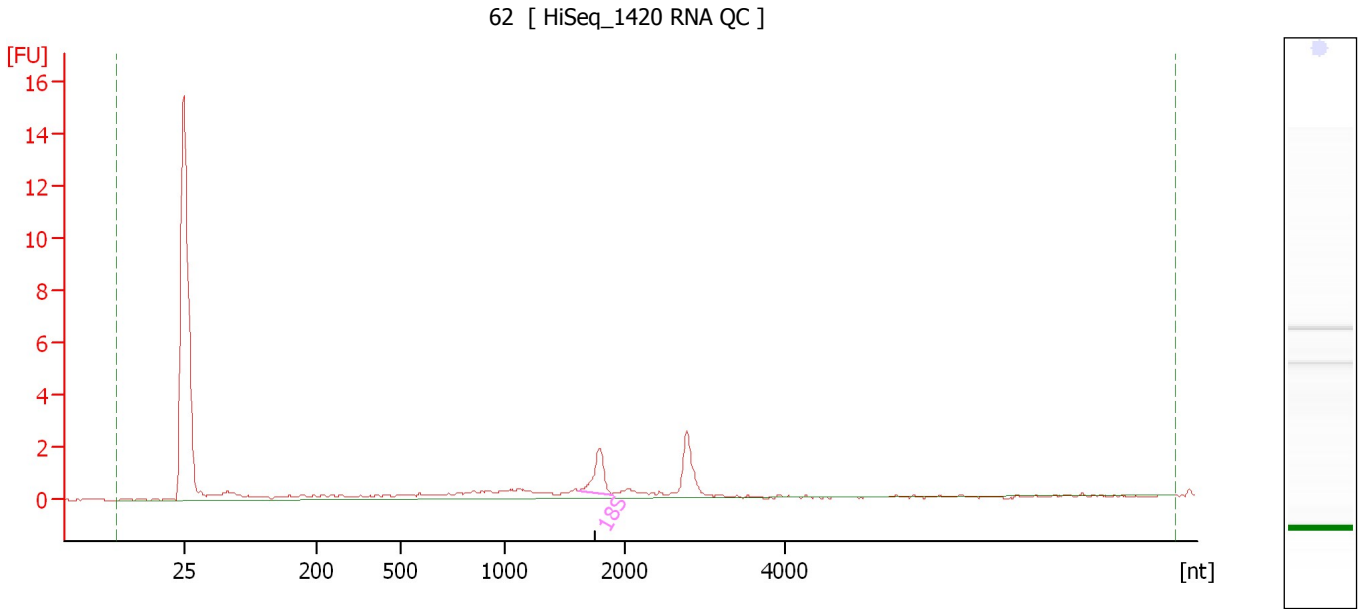
Fragment table for sample 9 : 61

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,654	1,911	2.5	11.3

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...rt\data\2018-06-15\2018-06-15_004_HiSeq1420_RNAQC_61-64.xad

Created: 6/15/2018 2:54:23 PM
 Modified: 6/15/2018 3:36:33 PM

Electropherogram Summary Continued ...



Overall Results for sample 10 : 62

RNA Area:	17.8	RNA Integrity Number (RIN):	5.9 (B.02.08)
RNA Concentration:	15 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 5.90

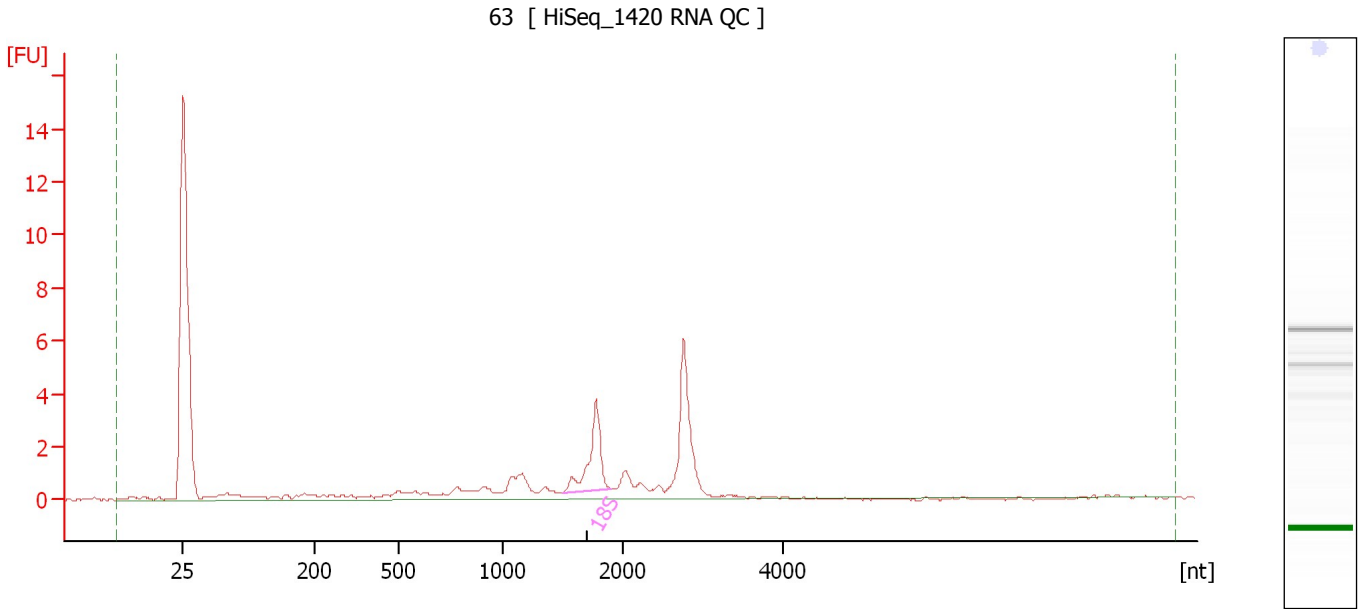
Fragment table for sample 10 : 62

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,619	1,893	2.0	11.5

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...rt\data\2018-06-15\2018-06-15_004_HiSeq1420_RNAQC_61-64.xad

Created: 6/15/2018 2:54:23 PM
 Modified: 6/15/2018 3:36:33 PM

Electropherogram Summary Continued ...



Overall Results for sample 11 : 63

RNA Area:	31.0	RNA Integrity Number (RIN):	5.9 (B.02.08)
RNA Concentration:	26 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 5.90

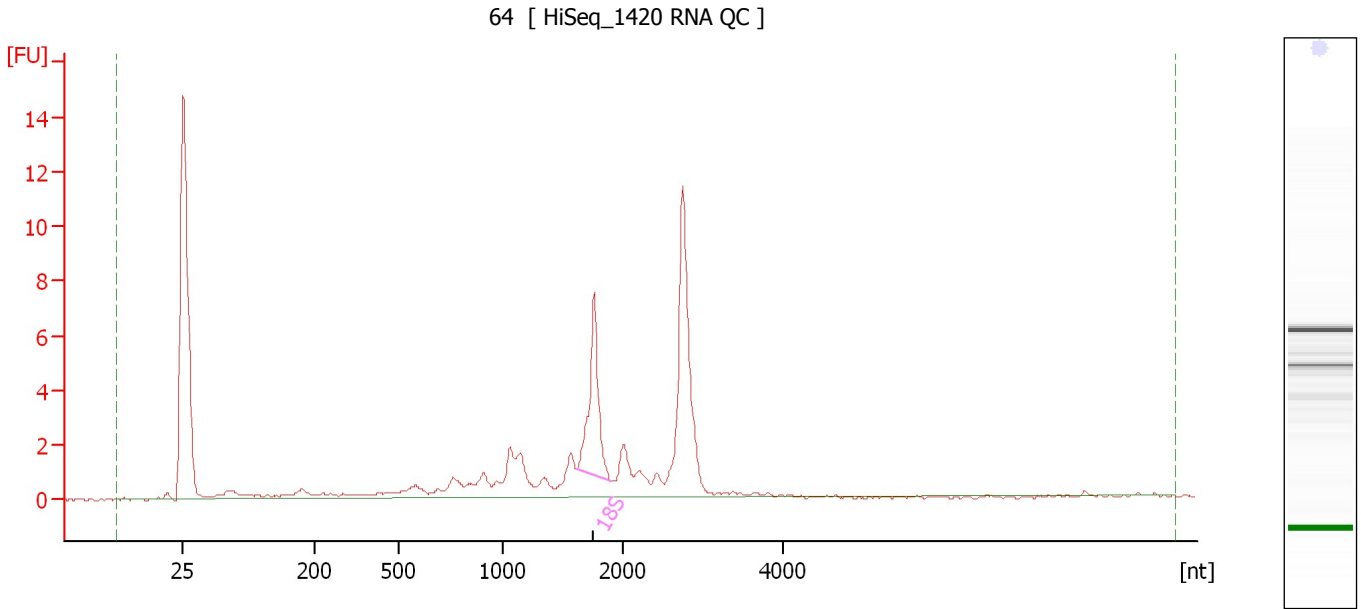
Fragment table for sample 11 : 63

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,502	1,901	4.8	15.5

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...rt\data\2018-06-15\2018-06-15_004_HiSeq1420_RNAQC_61-64.xad

Created: 6/15/2018 2:54:23 PM
 Modified: 6/15/2018 3:36:33 PM

Electropherogram Summary Continued ...



Overall Results for sample 12 : 64

RNA Area:	52.4	RNA Integrity Number (RIN):	5.5 (B.02.08)
RNA Concentration:	44 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 5.50

Fragment table for sample 12 : 64

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,608	1,901	7.6	14.6

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...rt\data\2018-06-15\2018-06-15_004_HiSeq1420_RNAQC_61-64.xad

Created: 6/15/2018 2:54:23 PM
Modified: 6/15/2018 3:36:33 PM

Gel Image

