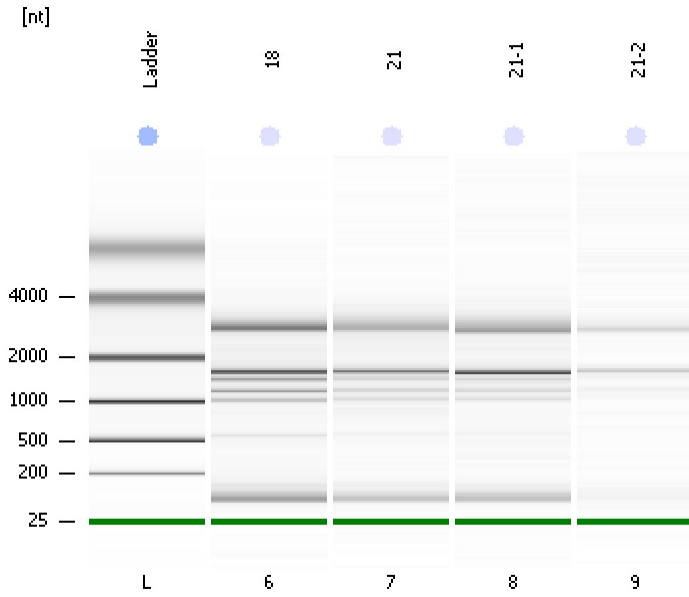


Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...data\2018-01-31\2018-01-31_002_HiSeq1263_ReplacementRNA.xad

Created: 1/31/2018 2:00:58 PM
Modified: 1/31/2018 2:34:26 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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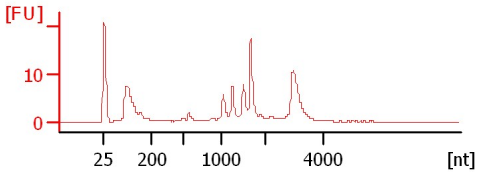
Chip Information:

Chip Lot #:

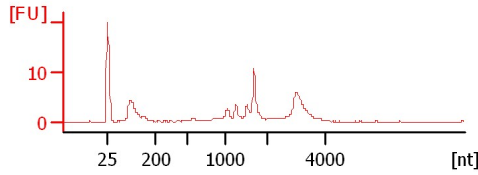
Reagent Kit Lot #:

Chip Comments:

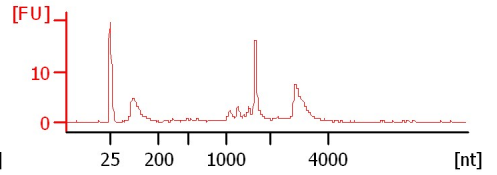
18
HiSeq_1263
RIN: 7.40



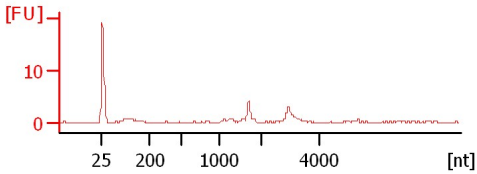
21
HiSeq_1263
RIN: 7.70



21-1
HiSeq_1263
RIN: 8



21-2
HiSeq_1263
RIN: 8.40



Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...data\2018-01-31\2018-01-31_002_HiSeq1263_ReplacementRNA.xad

Created: 1/31/2018 2:00:58 PM
 Modified: 1/31/2018 2:34:26 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
18	HiSeq_1263	✓	RIN: 7.40	
21	HiSeq_1263	✓	RIN: 7.70	
21-1	HiSeq_1263	✓	RIN:8	
21-2	HiSeq_1263	✓	RIN: 8.40	
Ladder		✓	All Other Samples	

Chip Lot #

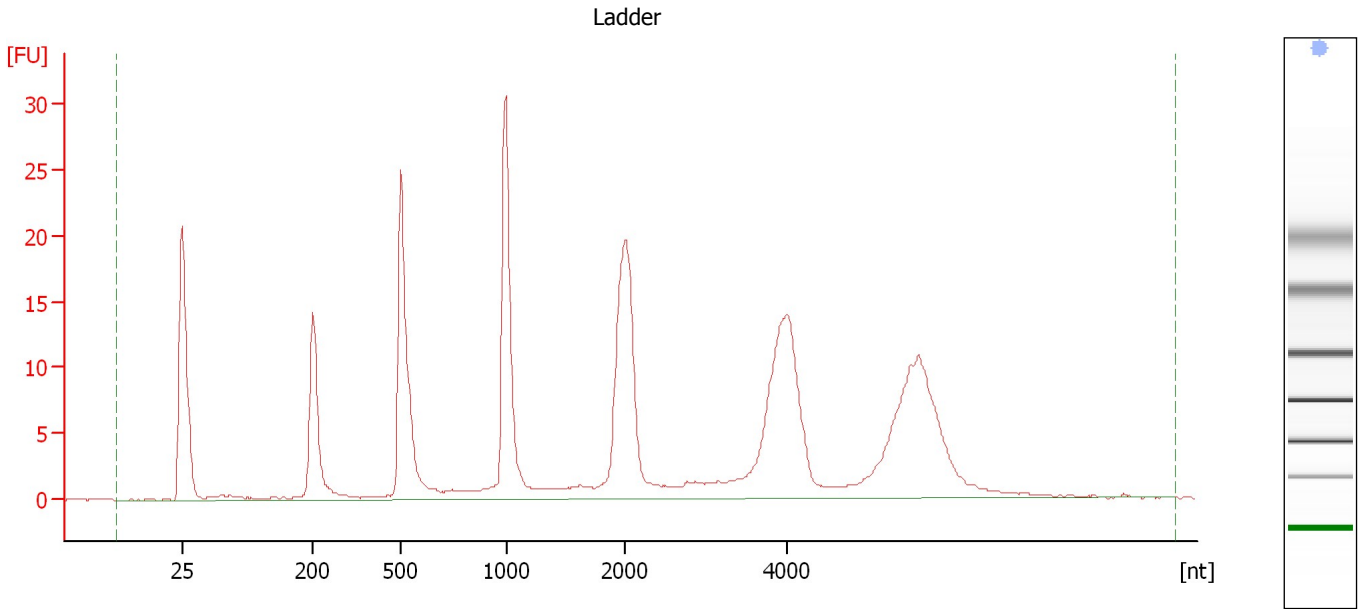
Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...data\2018-01-31\2018-01-31_002_HiSeq1263_ReplacementRNA.xad

Created: 1/31/2018 2:00:58 PM
Modified: 1/31/2018 2:34:26 PM

Electropherogram Summary



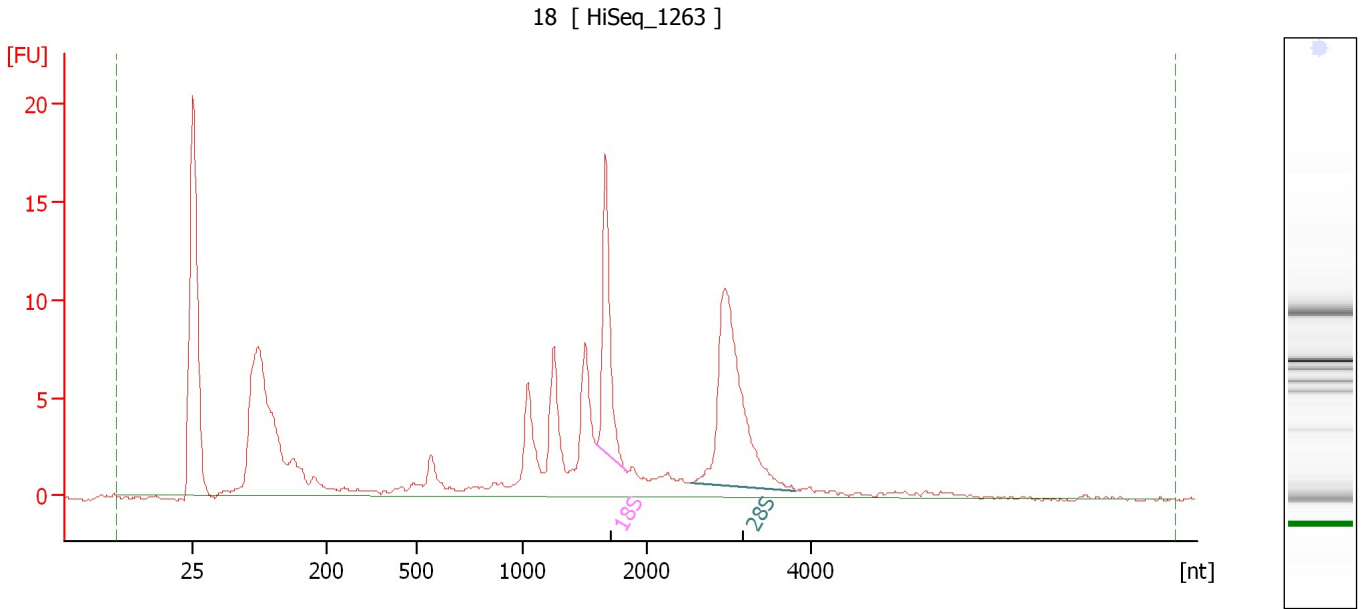
Overall Results for Ladder

RNA Area:	262.6	Result Flagging Color:	
RNA Concentration:	150 ng/μl	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...data\2018-01-31\2018-01-31_002_HiSeq1263_ReplacementRNA.xad

Created: 1/31/2018 2:00:58 PM
 Modified: 1/31/2018 2:34:26 PM

Electropherogram Summary Continued ...



Overall Results for sample 6 : 18

RNA Area:	147.0	RNA Integrity Number (RIN):	7.4 (B.02.08, Anomaly Threshold(s) manually adapted)
RNA Concentration:	84 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.8	Result Flagging Label:	RIN: 7.40

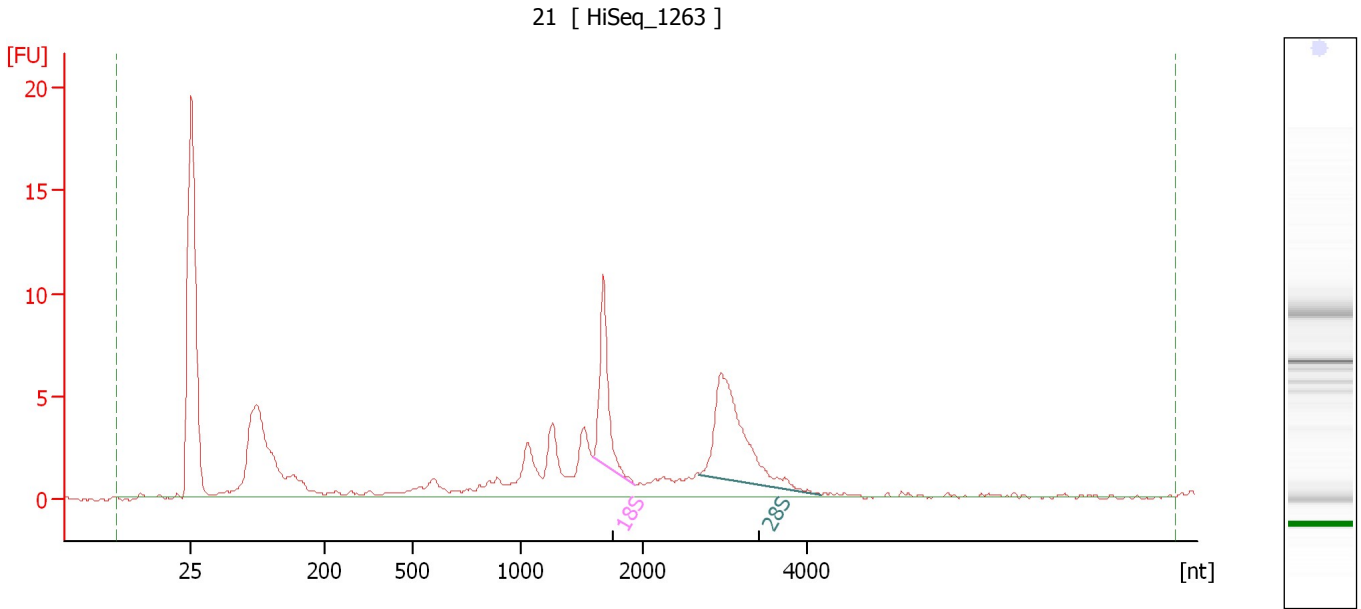
Fragment table for sample 6 : 18

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,596	1,841	14.4	9.8
28S	2,554	3,811	26.6	18.1

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...data\2018-01-31\2018-01-31_002_HiSeq1263_ReplacementRNA.xad

Created: 1/31/2018 2:00:58 PM
 Modified: 1/31/2018 2:34:26 PM

Electropherogram Summary Continued ...



Overall Results for sample 7 : 21

RNA Area:	99.0	RNA Integrity Number (RIN):	7.7 (B.02.08)
RNA Concentration:	57 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.8	Result Flagging Label:	RIN: 7.70

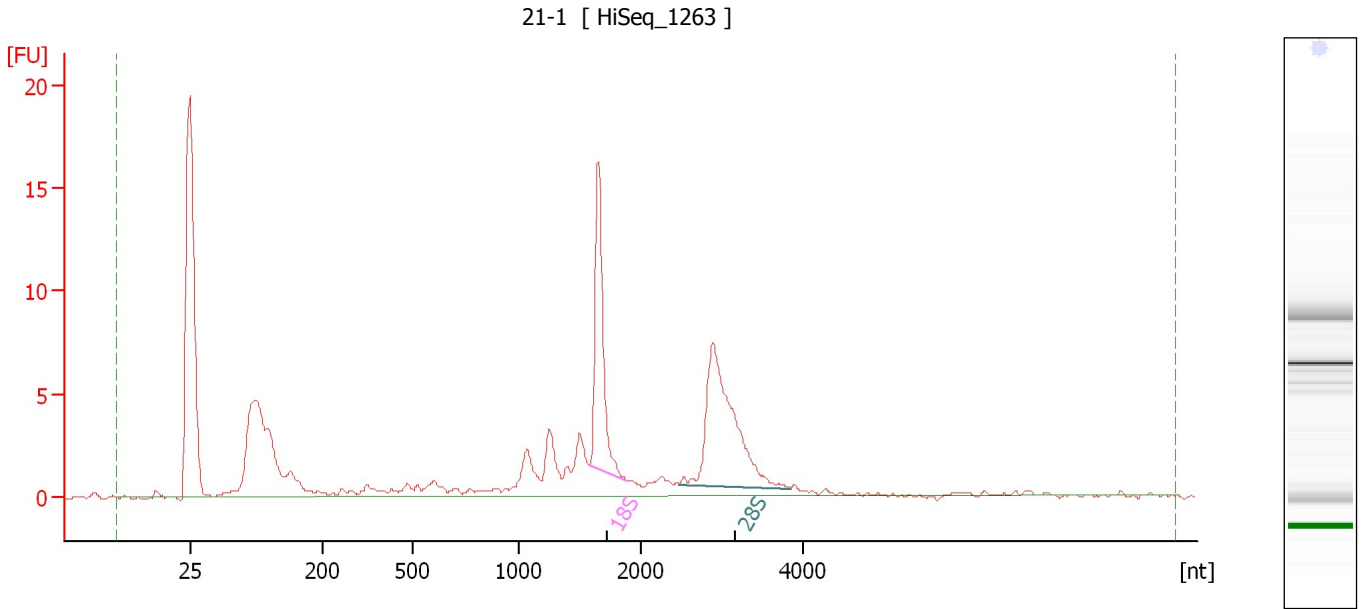
Fragment table for sample 7 : 21

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,593	1,944	9.7	9.8
28S	2,698	4,181	17.1	17.2

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...data\2018-01-31\2018-01-31_002_HiSeq1263_ReplacementRNA.xad

Created: 1/31/2018 2:00:58 PM
 Modified: 1/31/2018 2:34:26 PM

Electropherogram Summary Continued ...



Overall Results for sample 8 : 21-1

RNA Area:	101.4	RNA Integrity Number (RIN):	8 (B.02.08)
RNA Concentration:	58 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.4	Result Flagging Label:	RIN:8

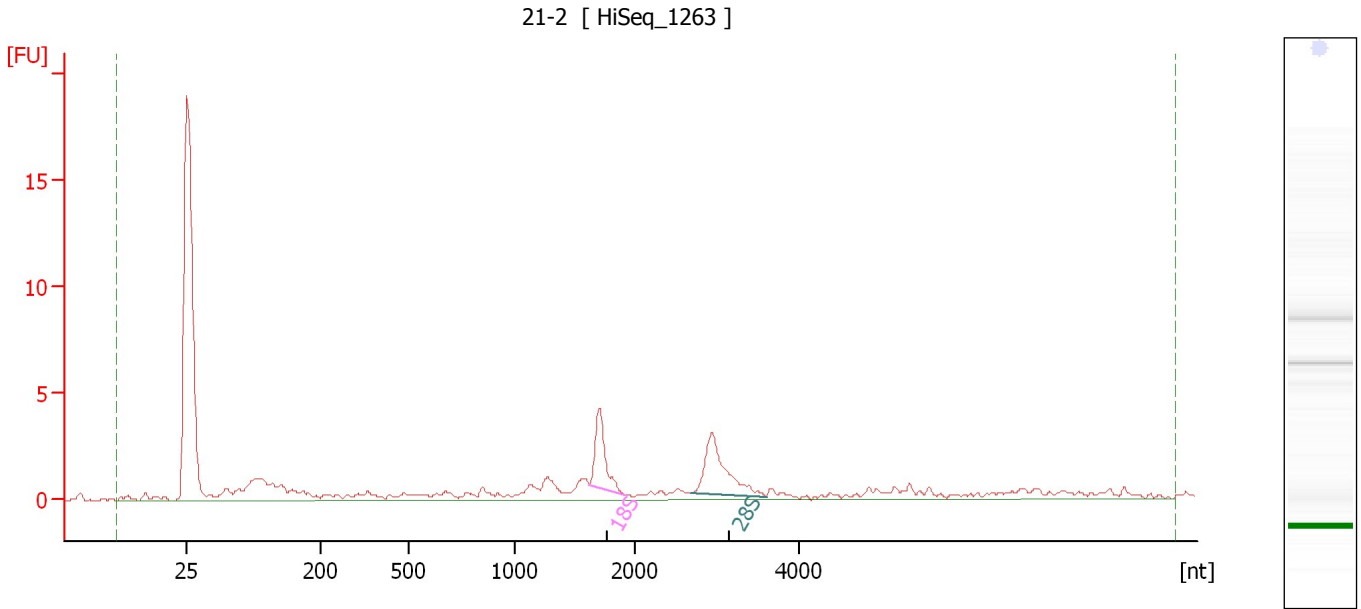
Fragment table for sample 8 : 21-1

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,582	1,899	14.5	14.3
28S	2,476	3,833	20.8	20.5

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...data\2018-01-31\2018-01-31_002_HiSeq1263_ReplacementRNA.xad

Created: 1/31/2018 2:00:58 PM
 Modified: 1/31/2018 2:34:26 PM

Electropherogram Summary Continued ...



Overall Results for sample 9 : 21-2

RNA Area:	49.6	RNA Integrity Number (RIN):	8.4 (B.02.08)
RNA Concentration:	28 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.4	Result Flagging Label:	RIN: 8.40

Fragment table for sample 9 : 21-2

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,614	1,906	4.7	9.4
28S	2,673	3,603	6.7	13.6

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...data\2018-01-31\2018-01-31_002_HiSeq1263_ReplacementRNA.xad

Created: 1/31/2018 2:00:58 PM
Modified: 1/31/2018 2:34:26 PM

Gel Image

