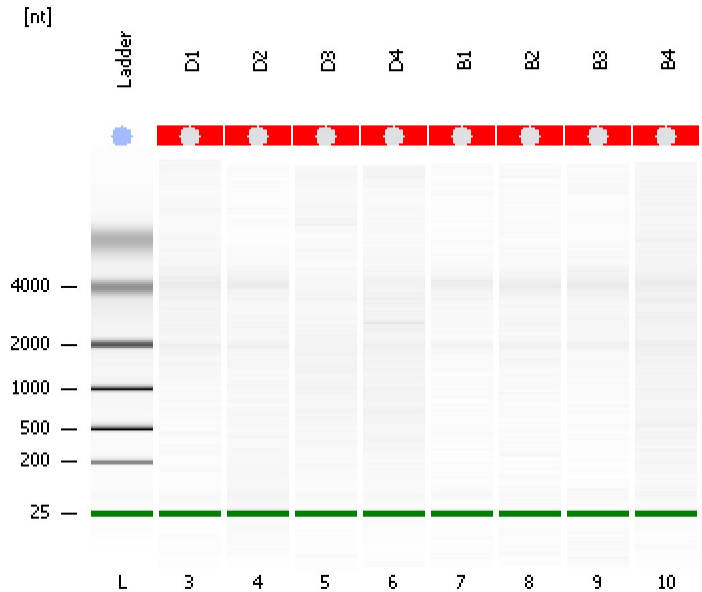


Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...0 expert\data\2017-10-12\2017-10-12_003_HiSeq1163_RNAQC.xad

Created: 10/12/2017 12:58:26 PM
Modified: 10/12/2017 1:29:55 PM

Electrophoresis File Run Summary



Instrument Information:

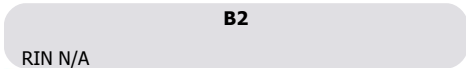
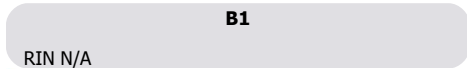
Instrument Name: DE13701086 Firmware: C.01.069
Serial#: DE13701086 Type: G2938B

Assay Information:

Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\Eukaryote Total RNA 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:



Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...0 expert\data\2017-10-12\2017-10-12_003_HiSeq1163_RNAQC.xad

Created: 10/12/2017 12:58:26 PM
 Modified: 10/12/2017 1:29:55 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
D1		✓	RIN N/A	
D2		✓	RIN N/A	
D3		✓	RIN N/A	
D4		✓	RIN N/A	
B1		✓	RIN N/A	
B2		✓	RIN N/A	
B3		✓	RIN N/A	
B4		✓	RIN N/A	
Ladder		✓	All Other Samples	

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...0 expert\data\2017-10-12\2017-10-12_003_HiSeq1163_RNAQC.xad

Created: 10/12/2017 12:58:26 PM
Modified: 10/12/2017 1:29:55 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

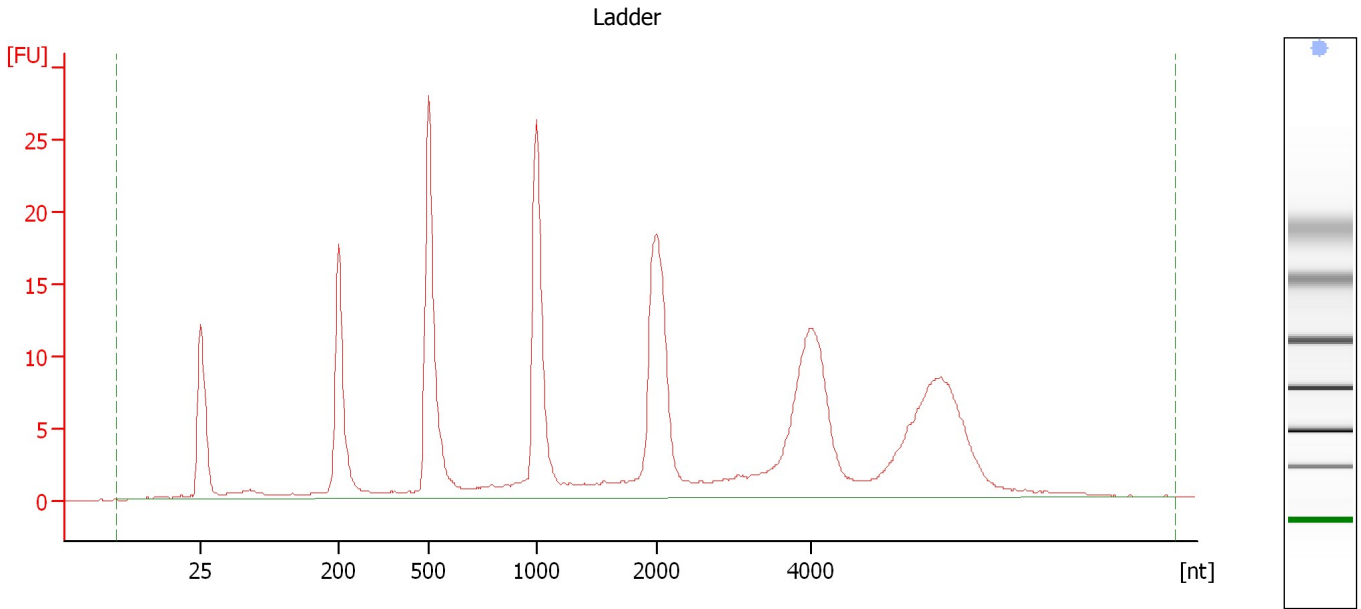
Ladder

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

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...0 expert\data\2017-10-12\2017-10-12_003_HiSeq1163_RNAQC.xad

Created: 10/12/2017 12:58:26 PM
Modified: 10/12/2017 1:29:55 PM

Electropherogram Summary



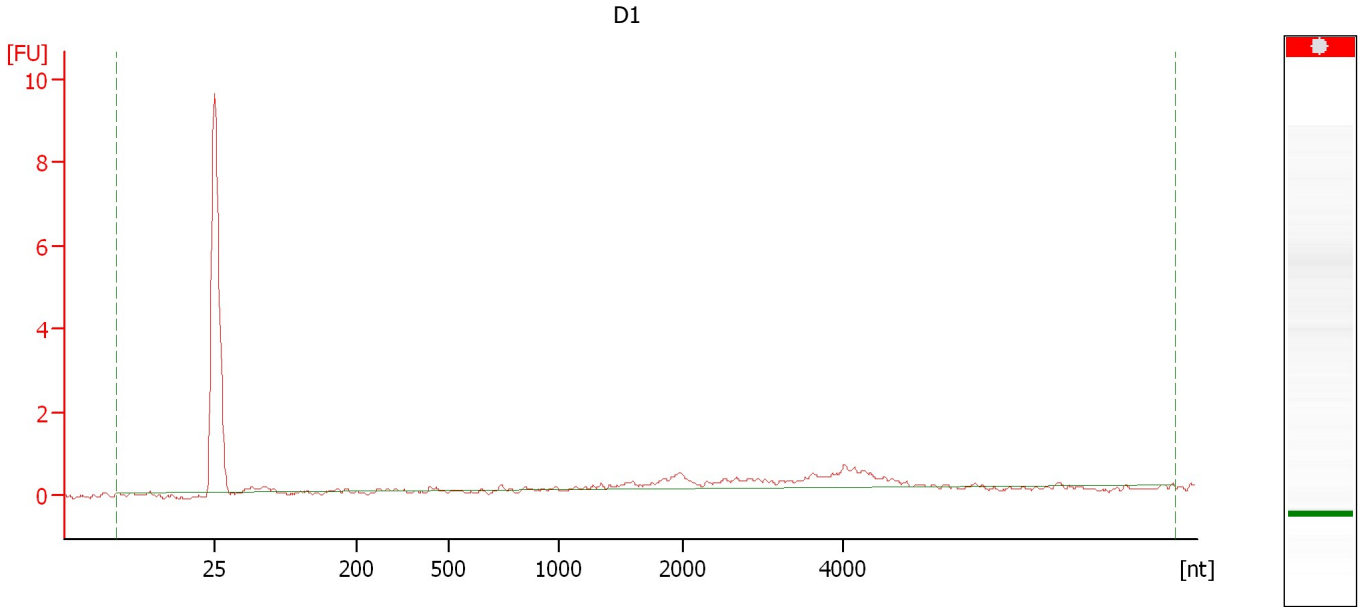
Overall Results for Ladder

RNA Area:	276.2	Result Flagging Color:	
RNA Concentration:	150 ng/μl	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...0 expert\data\2017-10-12\2017-10-12_003_HiSeq1163_RNAQC.xad

Created: 10/12/2017 12:58:26 PM
Modified: 10/12/2017 1:29:55 PM

Electropherogram Summary Continued ...



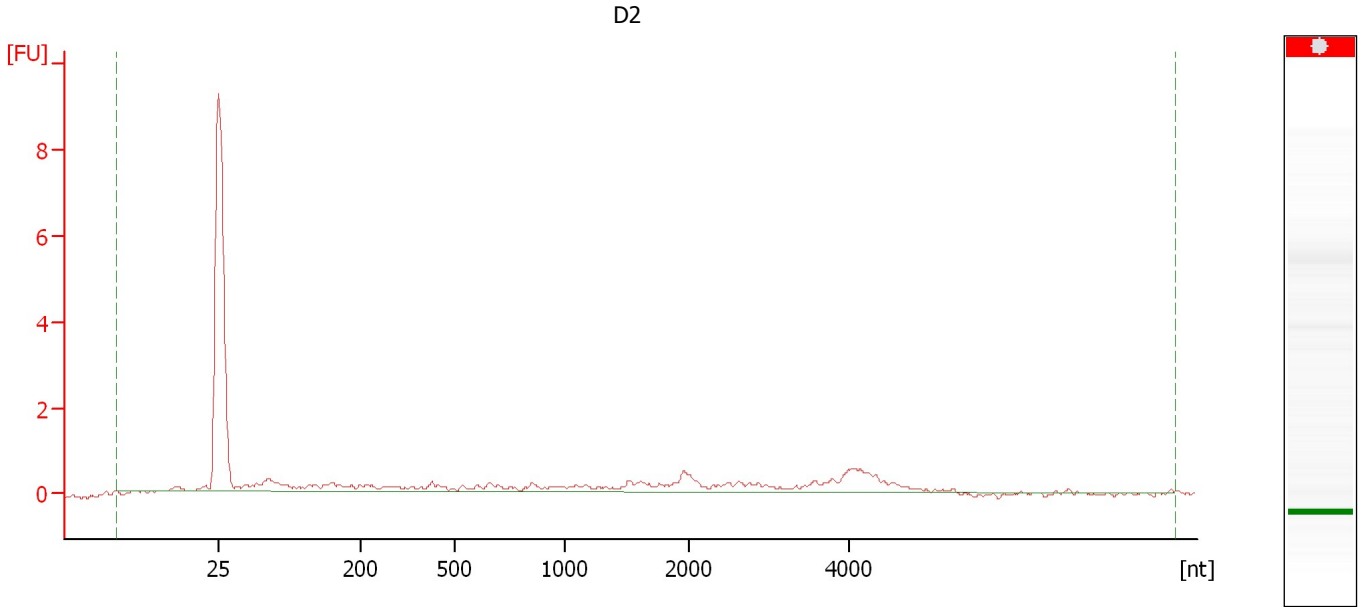
Overall Results for sample 3 : D1

RNA Area:	7.5	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	4 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...0 expert\data\2017-10-12\2017-10-12_003_HiSeq1163_RNAQC.xad

Created: 10/12/2017 12:58:26 PM
Modified: 10/12/2017 1:29:55 PM

Electropherogram Summary Continued ...



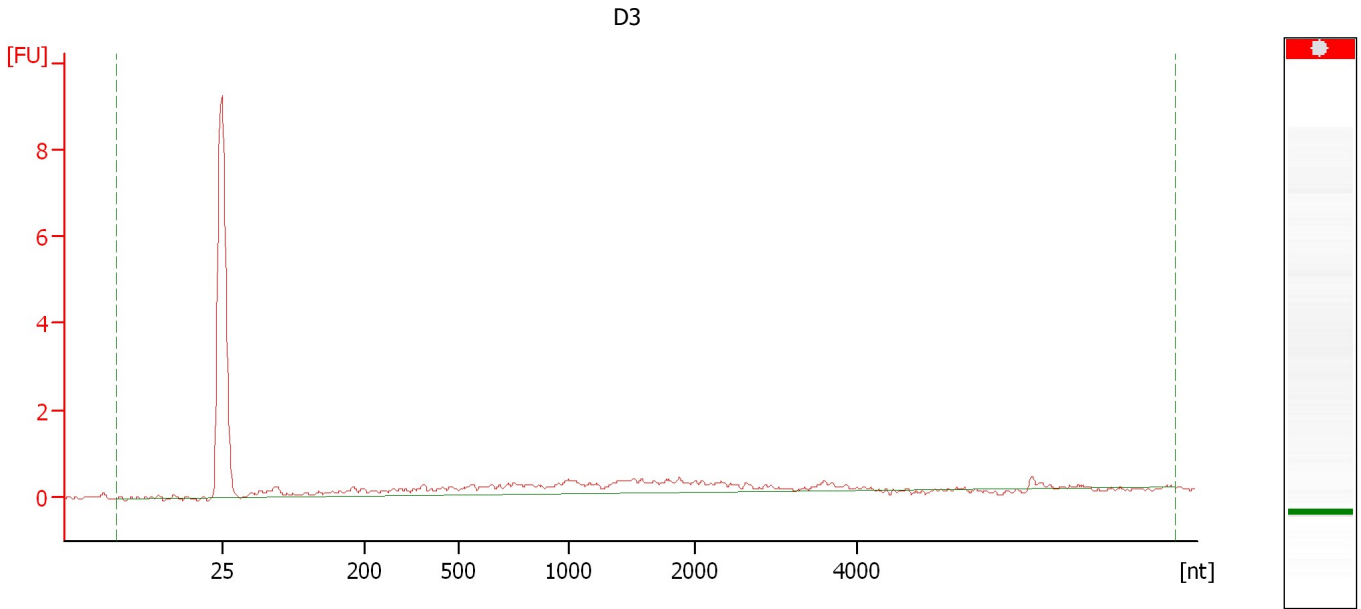
Overall Results for sample 4 : D2

RNA Area:	12.7	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	7 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...0 expert\data\2017-10-12\2017-10-12_003_HiSeq1163_RNAQC.xad

Created: 10/12/2017 12:58:26 PM
Modified: 10/12/2017 1:29:55 PM

Electropherogram Summary Continued ...



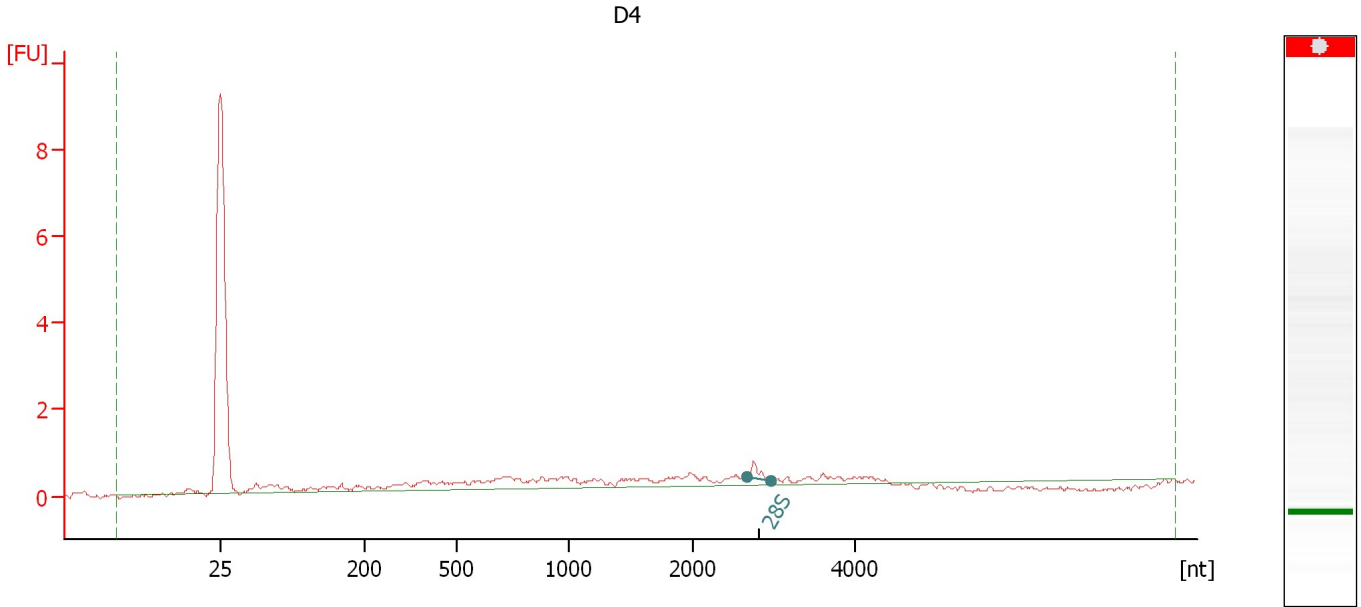
Overall Results for sample 5 : D3

RNA Area:	13.0	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	7 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...0 expert\data\2017-10-12\2017-10-12_003_HiSeq1163_RNAQC.xad

Created: 10/12/2017 12:58:26 PM
 Modified: 10/12/2017 1:29:55 PM

Electropherogram Summary Continued ...



Overall Results for sample 6 : D4

RNA Area:	12.0	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	6 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

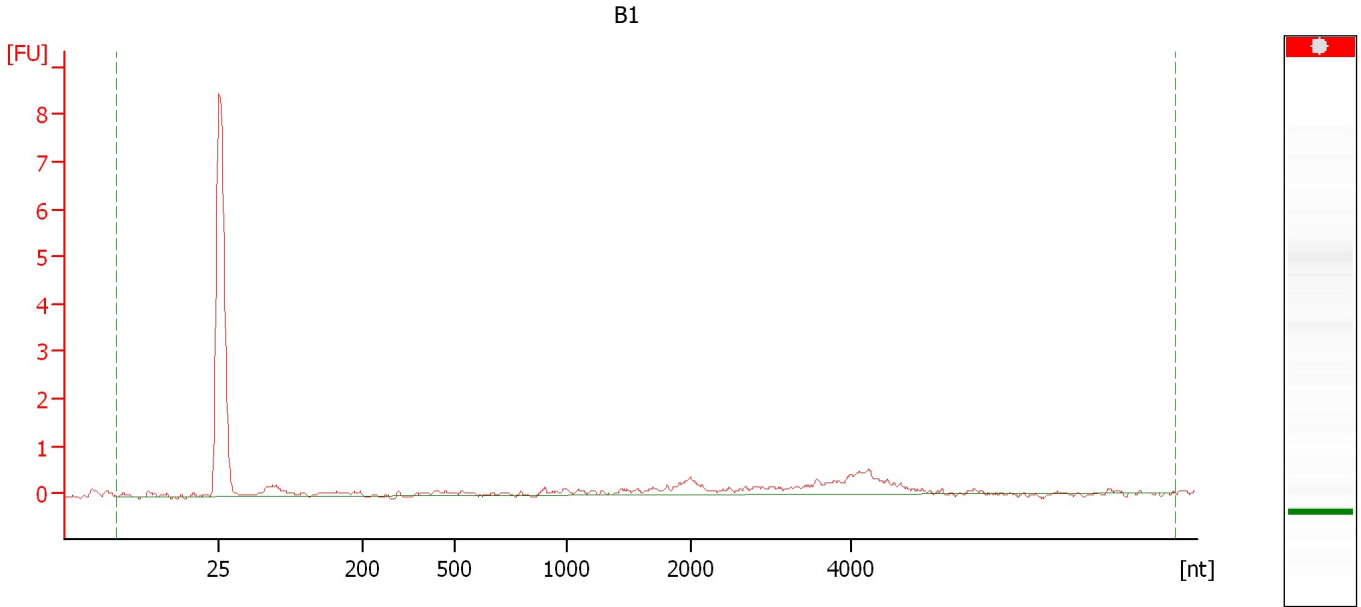
Fragment table for sample 6 : D4

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
28S	2,672	2,965	0.3	2.5

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...0 expert\data\2017-10-12\2017-10-12_003_HiSeq1163_RNAQC.xad

Created: 10/12/2017 12:58:26 PM
Modified: 10/12/2017 1:29:55 PM

Electropherogram Summary Continued ...



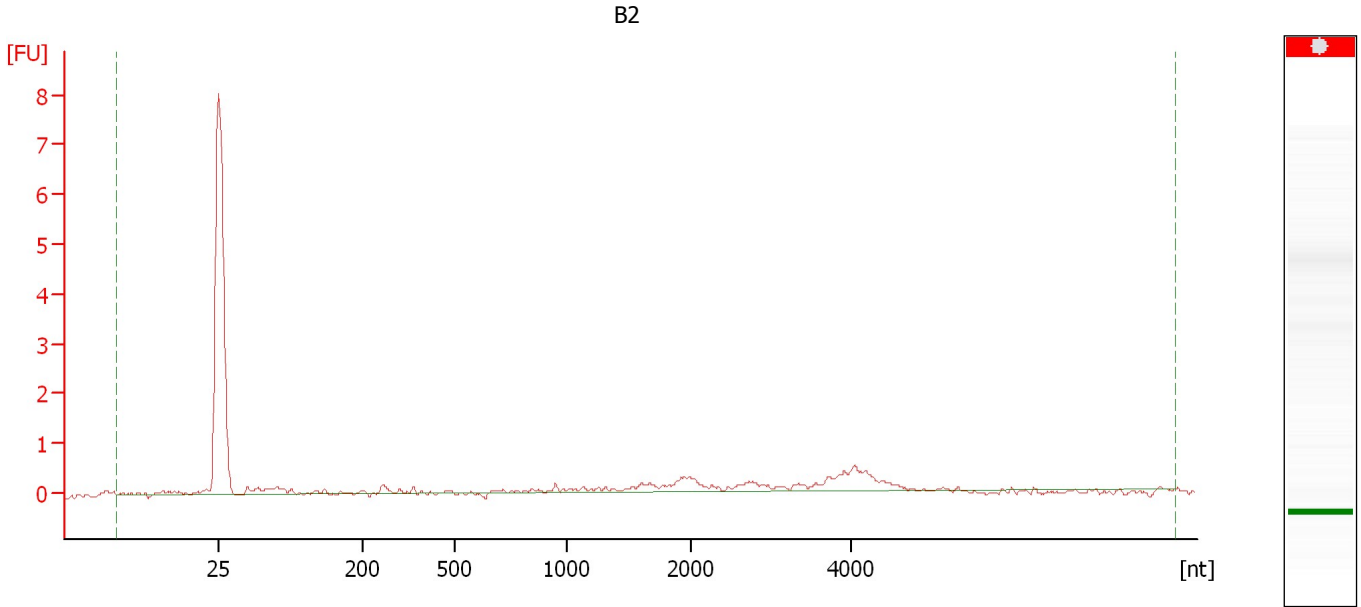
Overall Results for sample 7 : B1

RNA Area:	7.6	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	4 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...0 expert\data\2017-10-12\2017-10-12_003_HiSeq1163_RNAQC.xad

Created: 10/12/2017 12:58:26 PM
Modified: 10/12/2017 1:29:55 PM

Electropherogram Summary Continued ...



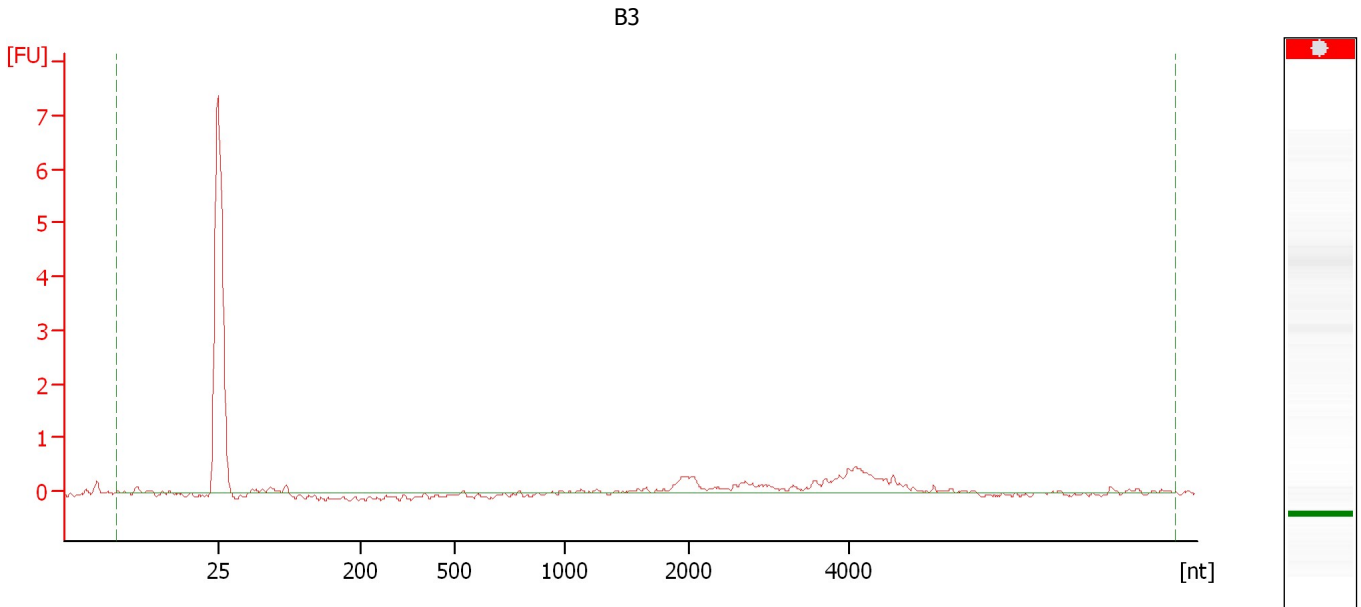
Overall Results for sample 8 : B2

RNA Area:	6.5	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	4 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...0 expert\data\2017-10-12\2017-10-12_003_HiSeq1163_RNAQC.xad

Created: 10/12/2017 12:58:26 PM
Modified: 10/12/2017 1:29:55 PM

Electropherogram Summary Continued ...



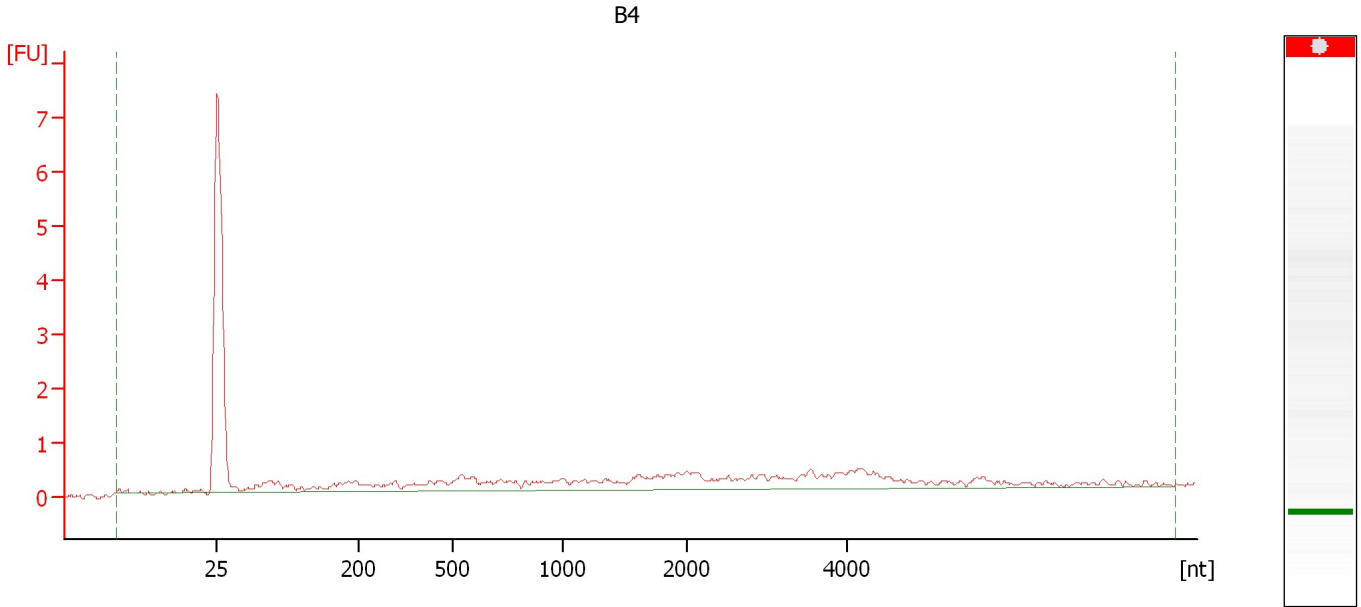
Overall Results for sample 9 : B3

RNA Area:	5.2	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	3 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A


Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...0 expert\data\2017-10-12\2017-10-12_003_HiSeq1163_RNAQC.xad

Created: 10/12/2017 12:58:26 PM
Modified: 10/12/2017 1:29:55 PM

Electropherogram Summary Continued ...



Overall Results for sample 10 : B4

RNA Area:	15.6	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	8 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...0 expert\data\2017-10-12\2017-10-12_003_HiSeq1163_RNAQC.xad

Created: 10/12/2017 12:58:26 PM
Modified: 10/12/2017 1:29:55 PM

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