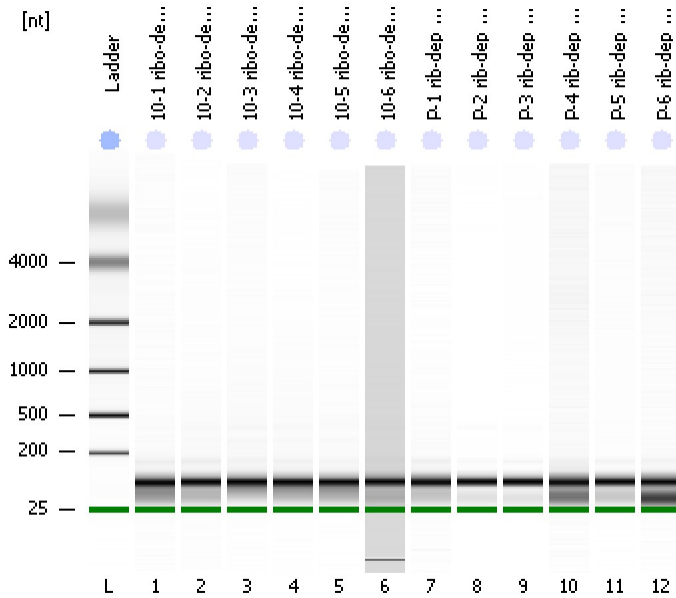


Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-20\2014-02-20_003.xad

Created: 2/20/2014 11:41:26 AM
Modified: 2/20/2014 12:04:40 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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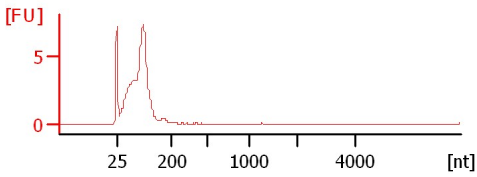
Chip Information:

Chip Lot #:

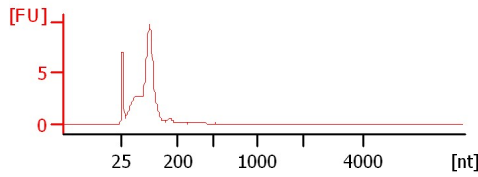
Reagent Kit Lot #:

Chip Comments:

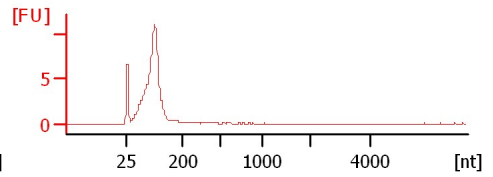
10-1 ribo-dep RNA
RIN: 2.60



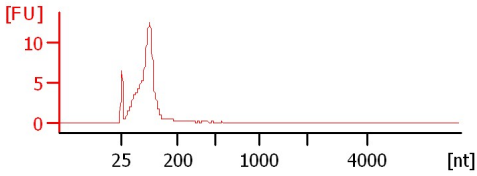
10-2 ribo-dep RNA
RIN: 2.60



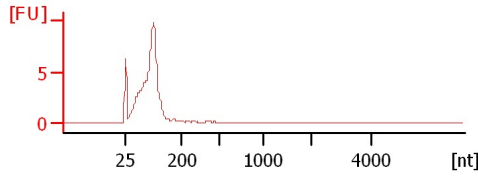
10-3 ribo-dep RNA
RIN: 2.60



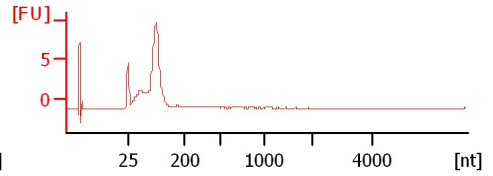
10-4 ribo-dep RNA
RIN: 2.60



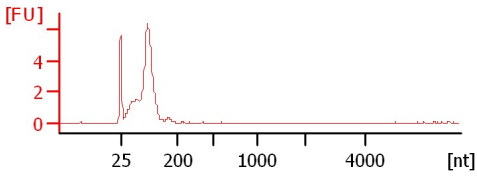
10-5 ribo-dep RNA
RIN: 2.60



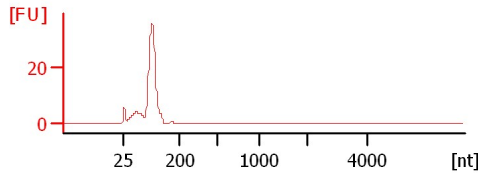
10-6 ribo-dep RNA
RIN: 2.60



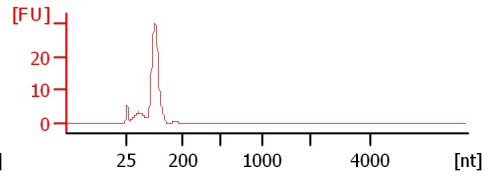
P-1 rib-dep RNA
RIN: 2.60



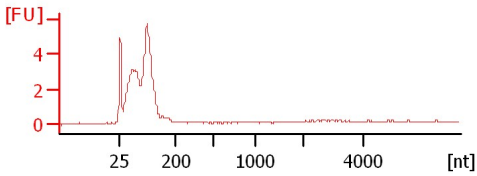
P-2 rib-dep RNA
RIN: 2.60



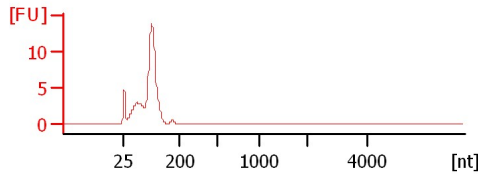
P-3 rib-dep RNA
RIN: 2.60



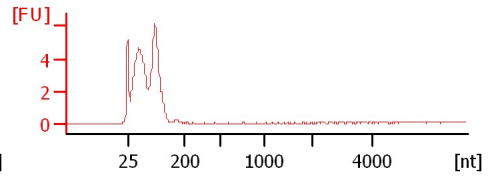
P-4 rib-dep RNA
RIN: 2.60



P-5 rib-dep RNA
RIN: 2.60



P-6 rib-dep RNA
RIN: 2.60



Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-20\2014-02-20_003.xad

Created: 2/20/2014 11:41:26 AM
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Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
10-1 ribo-dep RNA		✓	RIN: 2.60	
10-2 ribo-dep RNA		✓	RIN: 2.60	
10-3 ribo-dep RNA		✓	RIN: 2.60	
10-4 ribo-dep RNA		✓	RIN: 2.60	
10-5 ribo-dep RNA		✓	RIN: 2.60	
10-6 ribo-dep RNA		✓	RIN: 2.60	
P-1 rib-dep RNA		✓	RIN: 2.60	
P-2 rib-dep RNA		✓	RIN: 2.60	
P-3 rib-dep RNA		✓	RIN: 2.60	
P-4 rib-dep RNA		✓	RIN: 2.60	
P-5 rib-dep RNA		✓	RIN: 2.60	
P-6 rib-dep RNA		✓	RIN: 2.60	
Ladder		✓	All Other Samples	

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-20\2014-02-20_003.xad

Created: 2/20/2014 11:41:26 AM
Modified: 2/20/2014 12:04:40 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

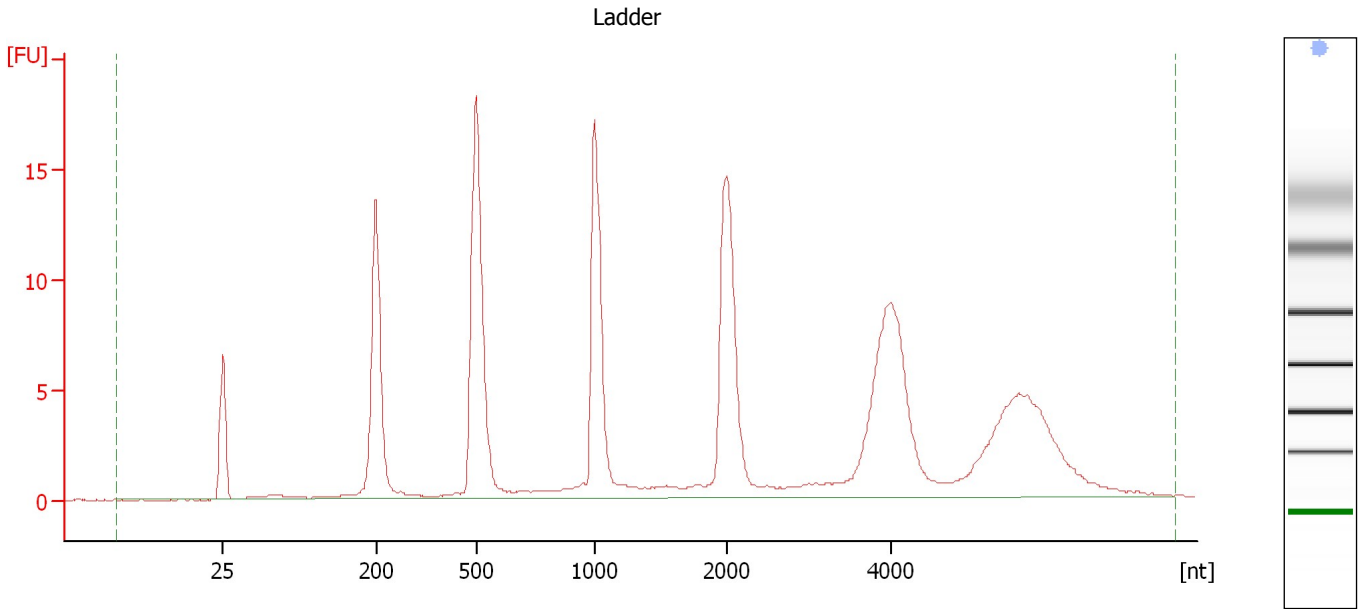
Ladder

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

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-20\2014-02-20_003.xad

Created: 2/20/2014 11:41:26 AM
Modified: 2/20/2014 12:04:40 PM

Electropherogram Summary



Overall Results for Ladder

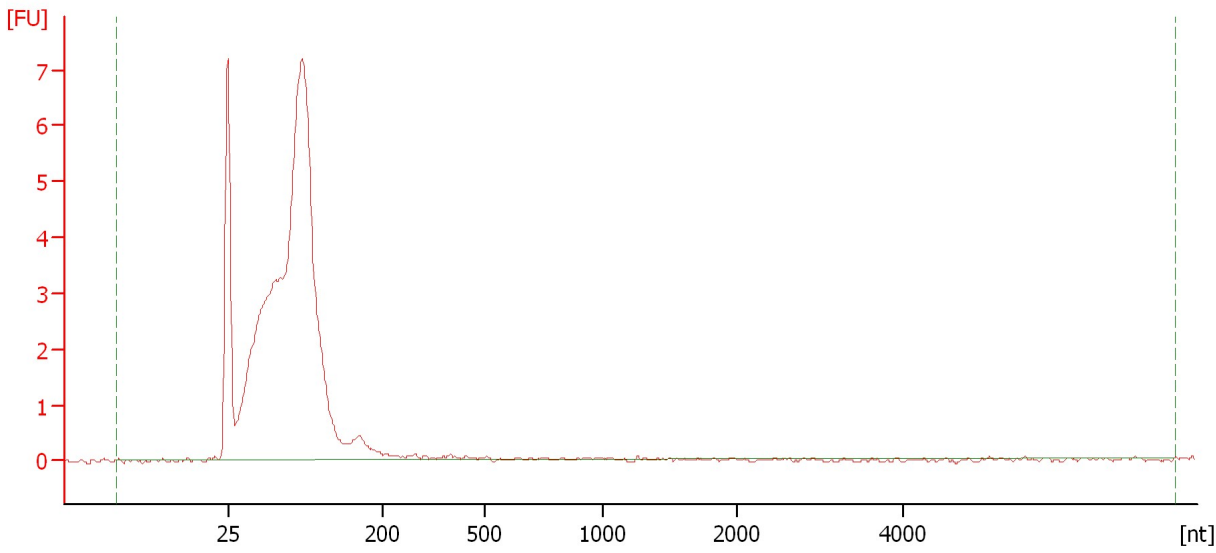
RNA Area:	171.7	Result Flagging Color:	
RNA Concentration:	150 ng/μl	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-20\2014-02-20_003.xad

Created: 2/20/2014 11:41:26 AM
Modified: 2/20/2014 12:04:40 PM

Electropherogram Summary Continued ...

10-1 ribo-dep RNA



Overall Results for sample 1 : 10-1 ribo-dep RNA

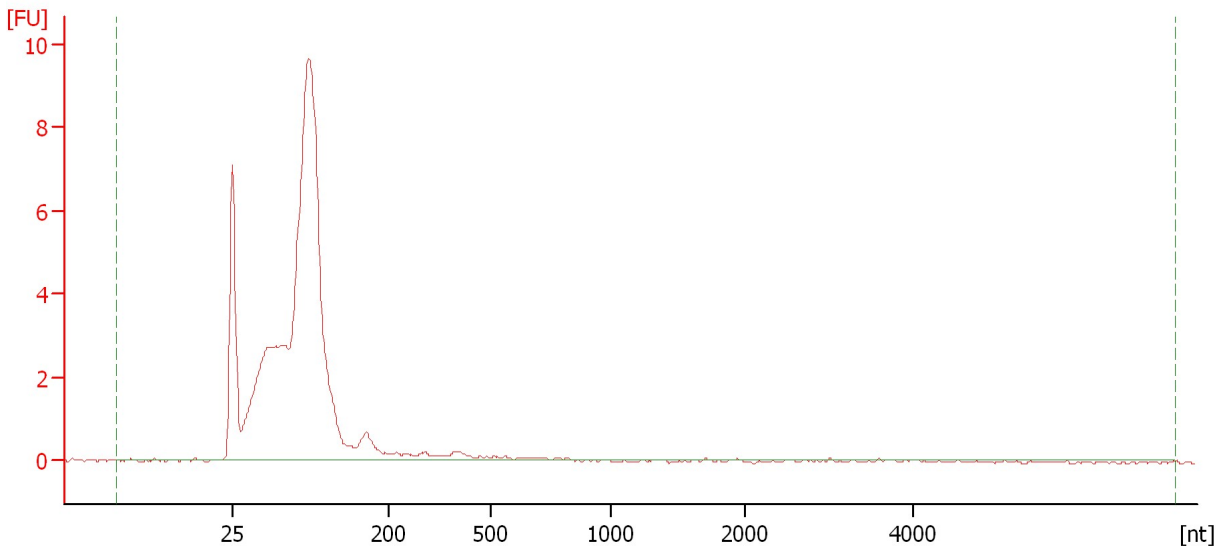
RNA Area:	55.9	RNA Integrity Number (RIN):	2.6 (B.02.08)
RNA Concentration:	49 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.60

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-20\2014-02-20_003.xad

Created: 2/20/2014 11:41:26 AM
Modified: 2/20/2014 12:04:40 PM

Electropherogram Summary Continued ...

10-2 ribo-dep RNA



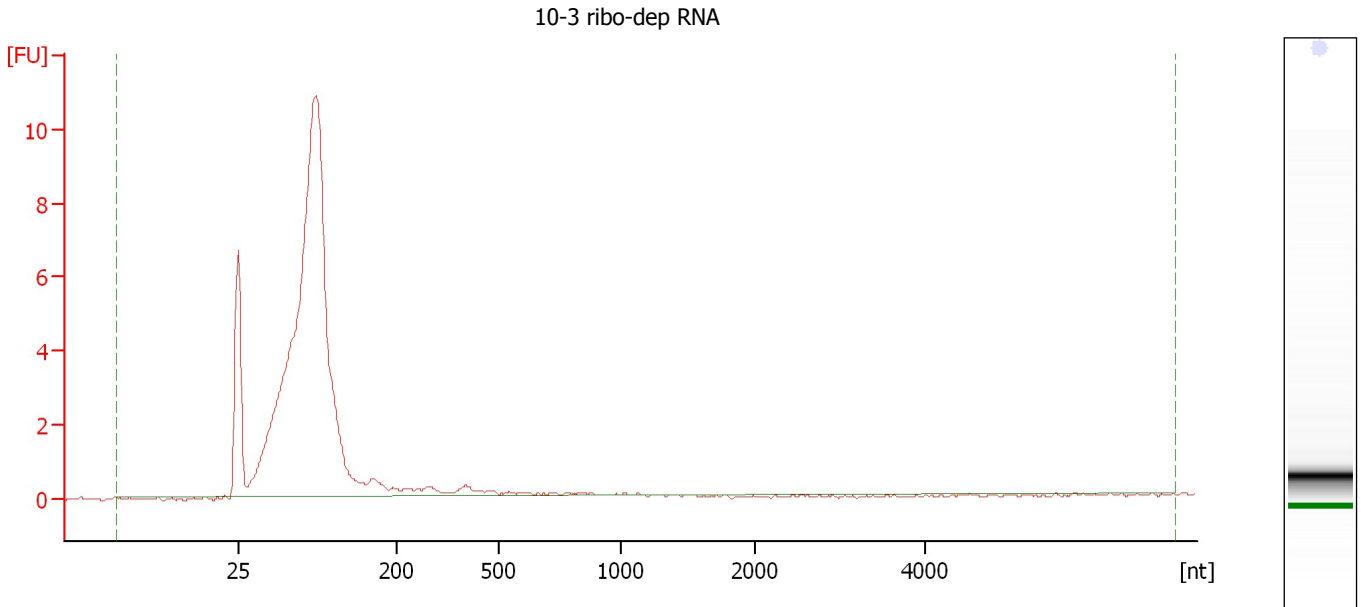
Overall Results for sample 2 : 10-2 ribo-dep RNA

RNA Area:	63.8	RNA Integrity Number (RIN):	2.6 (B.02.08)
RNA Concentration:	56 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.60

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-20\2014-02-20_003.xad

Created: 2/20/2014 11:41:26 AM
Modified: 2/20/2014 12:04:40 PM

Electropherogram Summary Continued ...



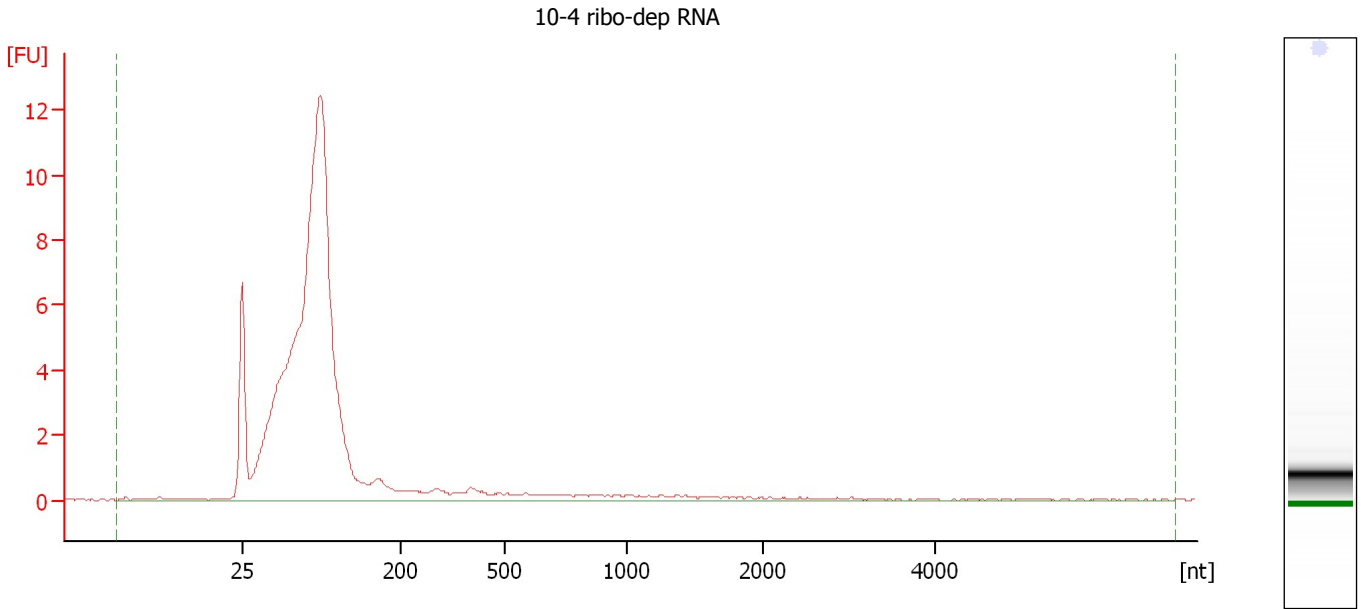
Overall Results for sample 3 : 10-3 ribo-dep RNA

RNA Area:	71.3	RNA Integrity Number (RIN):	2.6 (B.02.08)
RNA Concentration:	62 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.60

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-20\2014-02-20_003.xad

Created: 2/20/2014 11:41:26 AM
Modified: 2/20/2014 12:04:40 PM

Electropherogram Summary Continued ...



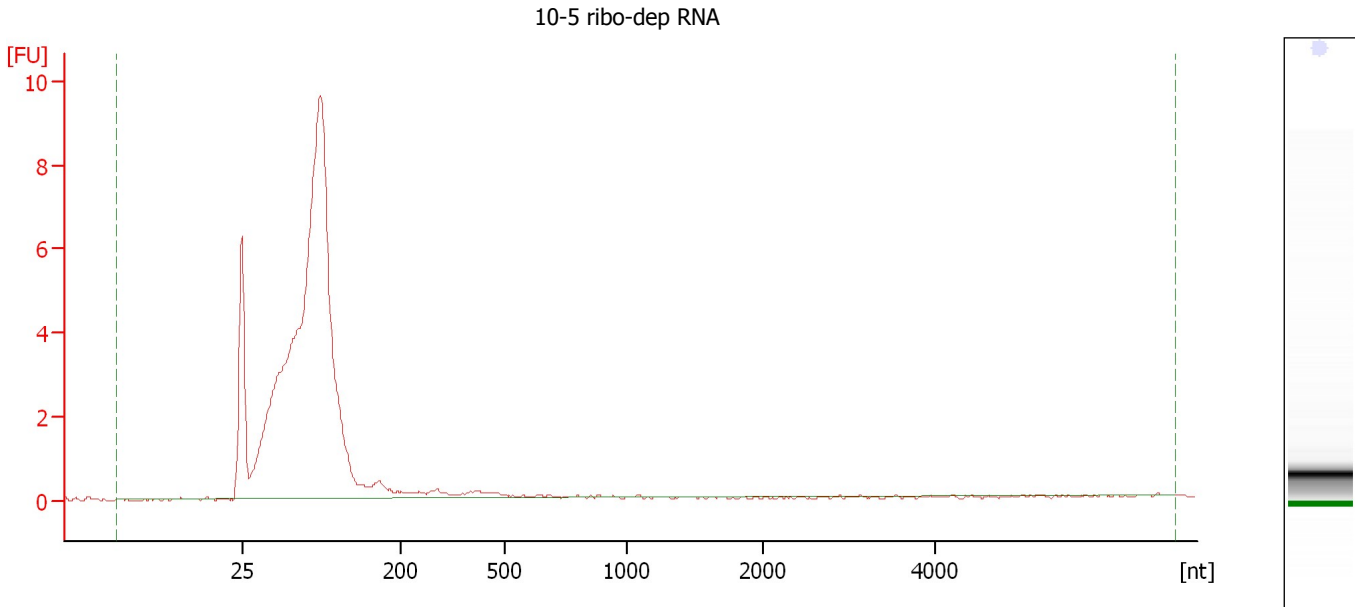
Overall Results for sample 4 : 10-4 ribo-dep RNA

RNA Area:	95.9	RNA Integrity Number (RIN):	2.6 (B.02.08)
RNA Concentration:	84 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.60

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-20\2014-02-20_003.xad

Created: 2/20/2014 11:41:26 AM
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Electropherogram Summary Continued ...



Overall Results for sample 5 : 10-5 ribo-dep RNA

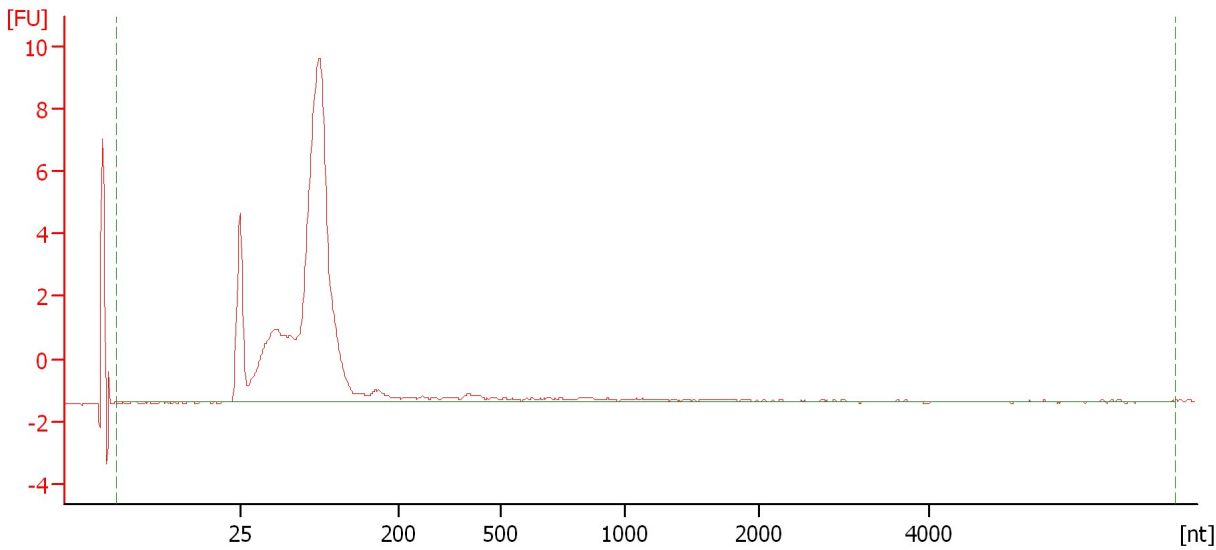
RNA Area:	66.5	RNA Integrity Number (RIN):	2.6 (B.02.08)
RNA Concentration:	58 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.60

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-20\2014-02-20_003.xad

Created: 2/20/2014 11:41:26 AM
Modified: 2/20/2014 12:04:40 PM

Electropherogram Summary Continued ...

10-6 ribo-dep RNA



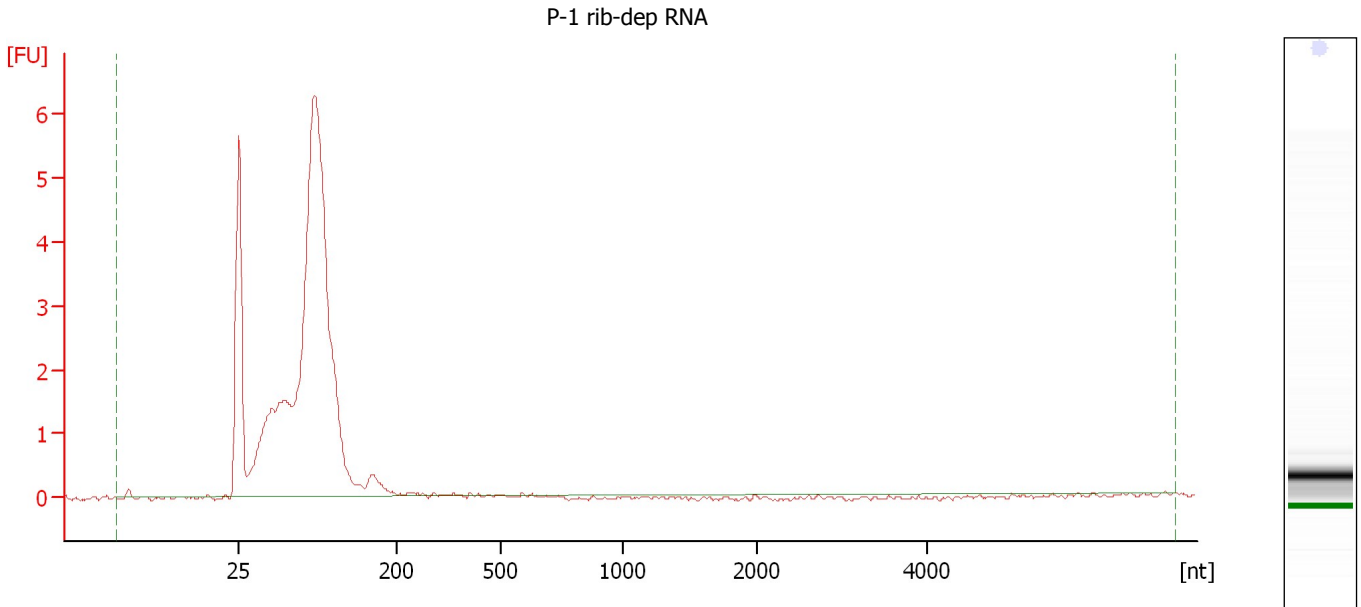
Overall Results for sample 6 : 10-6 ribo-dep RNA

RNA Area:	62.5	RNA Integrity Number (RIN):	2.6 (B.02.08)
RNA Concentration:	55 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.60

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-20\2014-02-20_003.xad

Created: 2/20/2014 11:41:26 AM
Modified: 2/20/2014 12:04:40 PM

Electropherogram Summary Continued ...



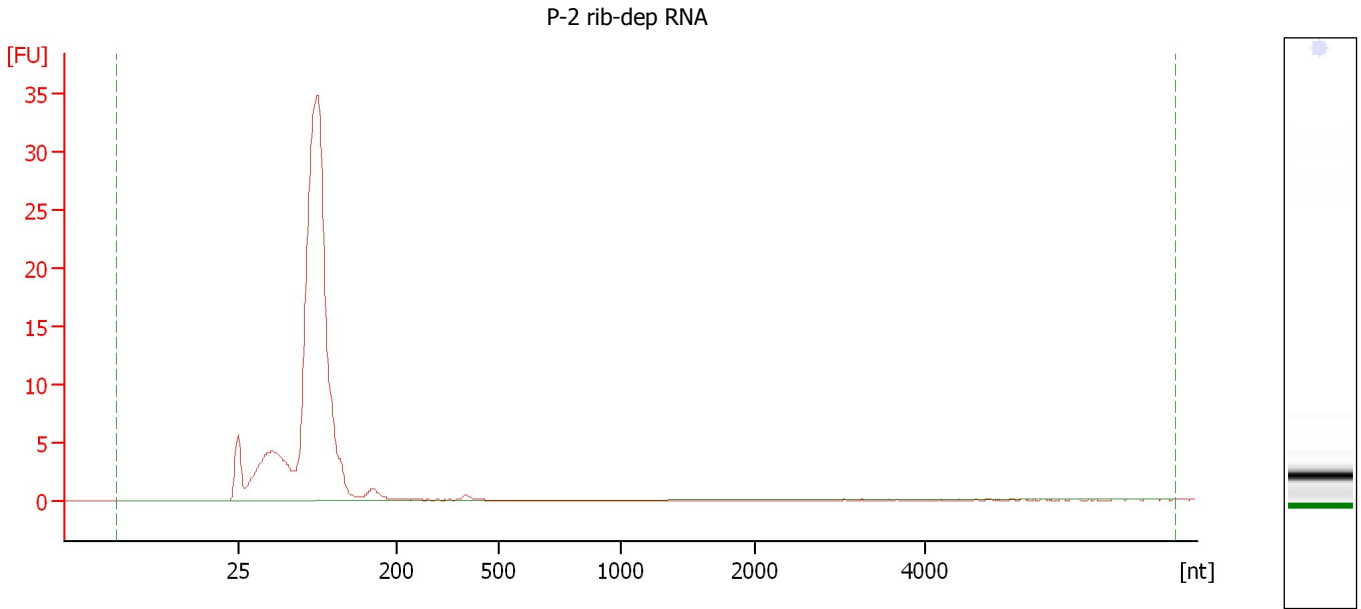
Overall Results for sample 7 : P-1 rib-dep RNA

RNA Area:	38.1	RNA Integrity Number (RIN):	2.6 (B.02.08)
RNA Concentration:	33 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.60

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-20\2014-02-20_003.xad

Created: 2/20/2014 11:41:26 AM
Modified: 2/20/2014 12:04:40 PM

Electropherogram Summary Continued ...



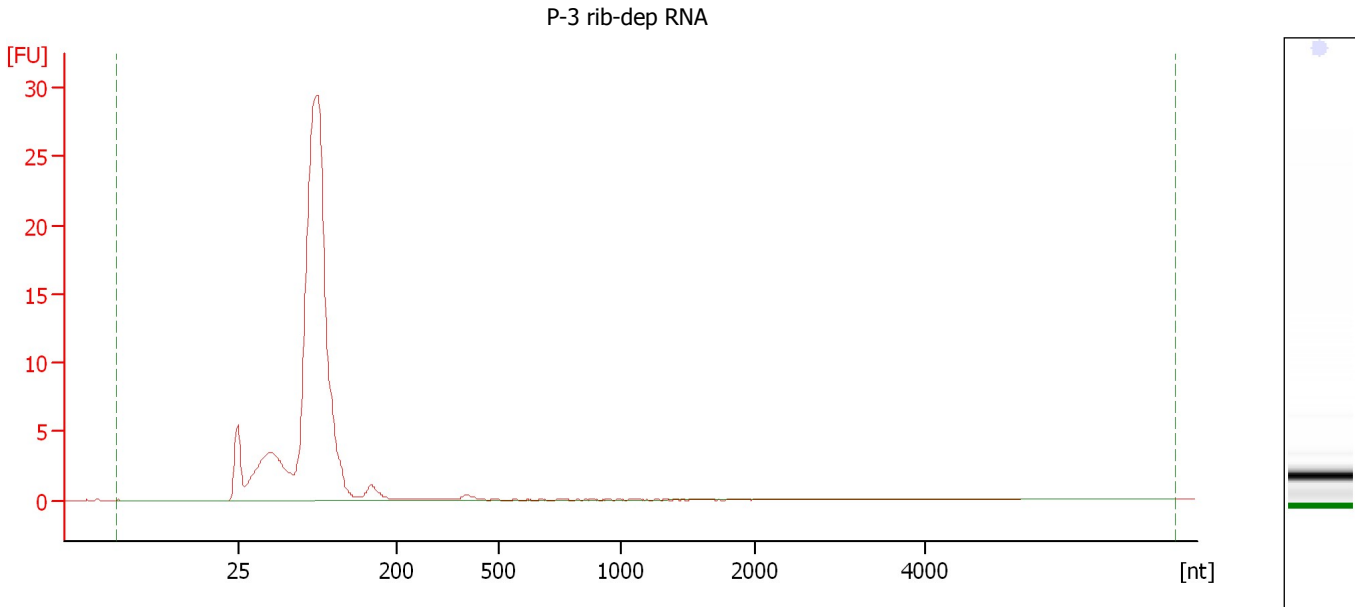
Overall Results for sample 8 : P-2 rib-dep RNA

RNA Area:	159.3	RNA Integrity Number (RIN):	2.6 (B.02.08)
RNA Concentration:	139 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.60

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-20\2014-02-20_003.xad

Created: 2/20/2014 11:41:26 AM
Modified: 2/20/2014 12:04:40 PM

Electropherogram Summary Continued ...



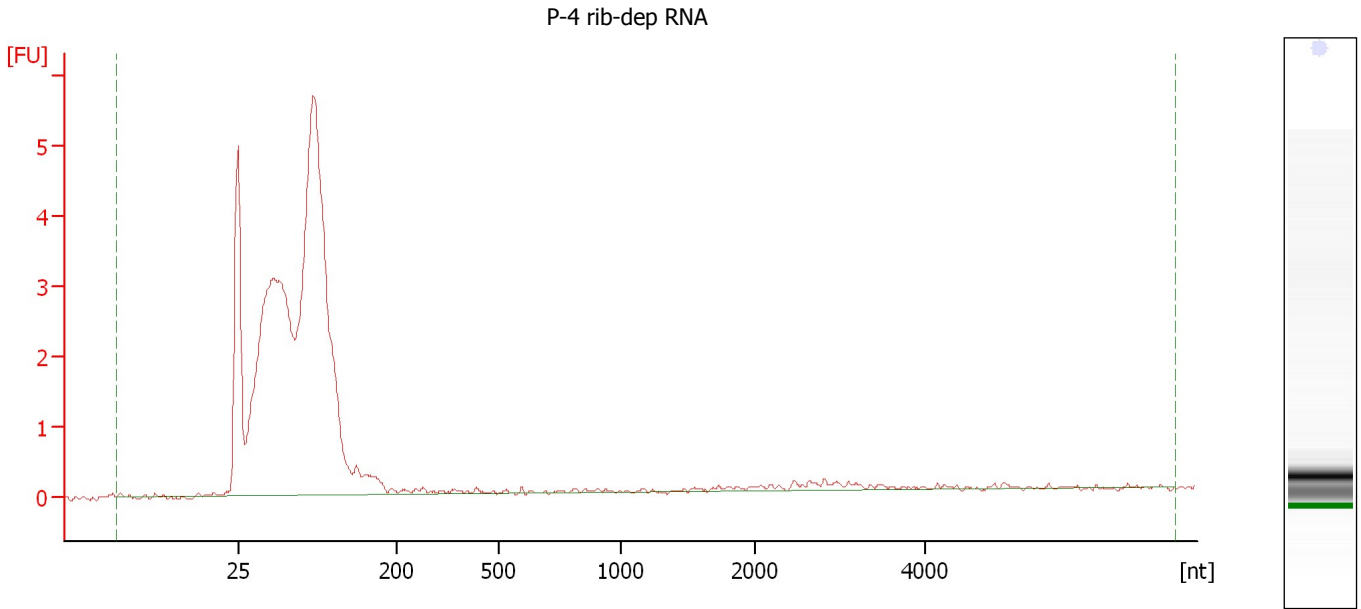
Overall Results for sample 9 : P-3 rib-dep RNA

RNA Area:	135.4	RNA Integrity Number (RIN):	2.6 (B.02.08)
RNA Concentration:	118 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.60

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-20\2014-02-20_003.xad

Created: 2/20/2014 11:41:26 AM
Modified: 2/20/2014 12:04:40 PM

Electropherogram Summary Continued ...



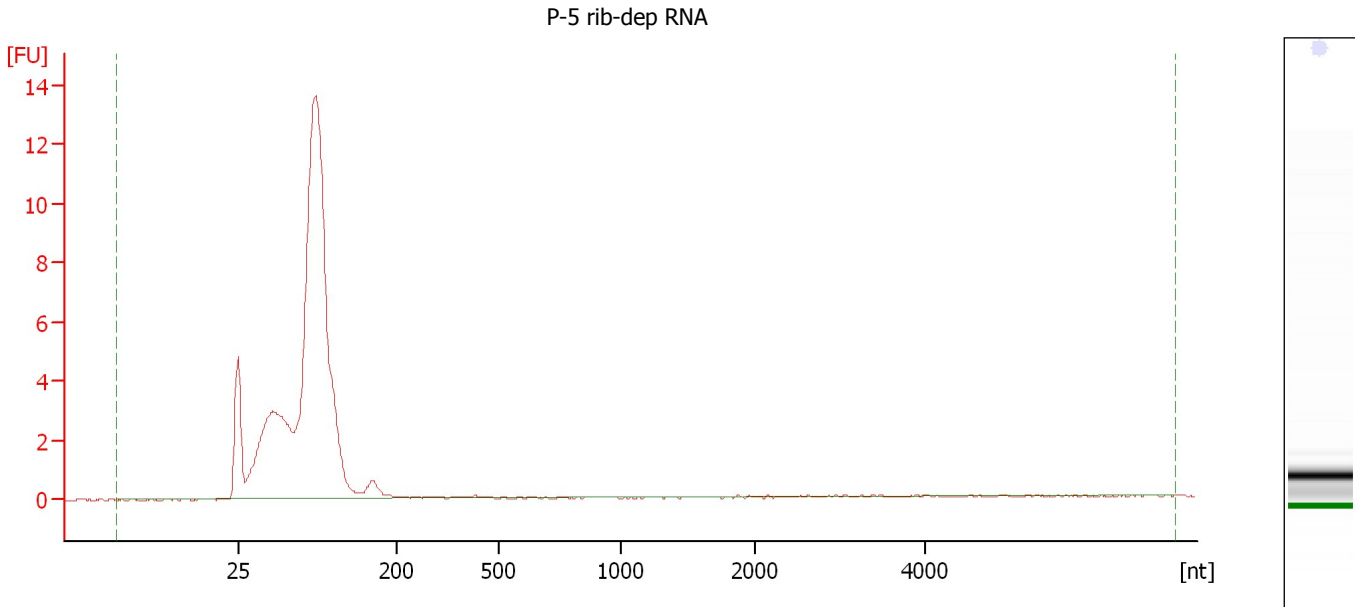
Overall Results for sample 10 : P-4 rib-dep RNA

RNA Area:	50.1	RNA Integrity Number (RIN):	2.6 (B.02.08)
RNA Concentration:	44 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.60

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-20\2014-02-20_003.xad

Created: 2/20/2014 11:41:26 AM
Modified: 2/20/2014 12:04:40 PM

Electropherogram Summary Continued ...



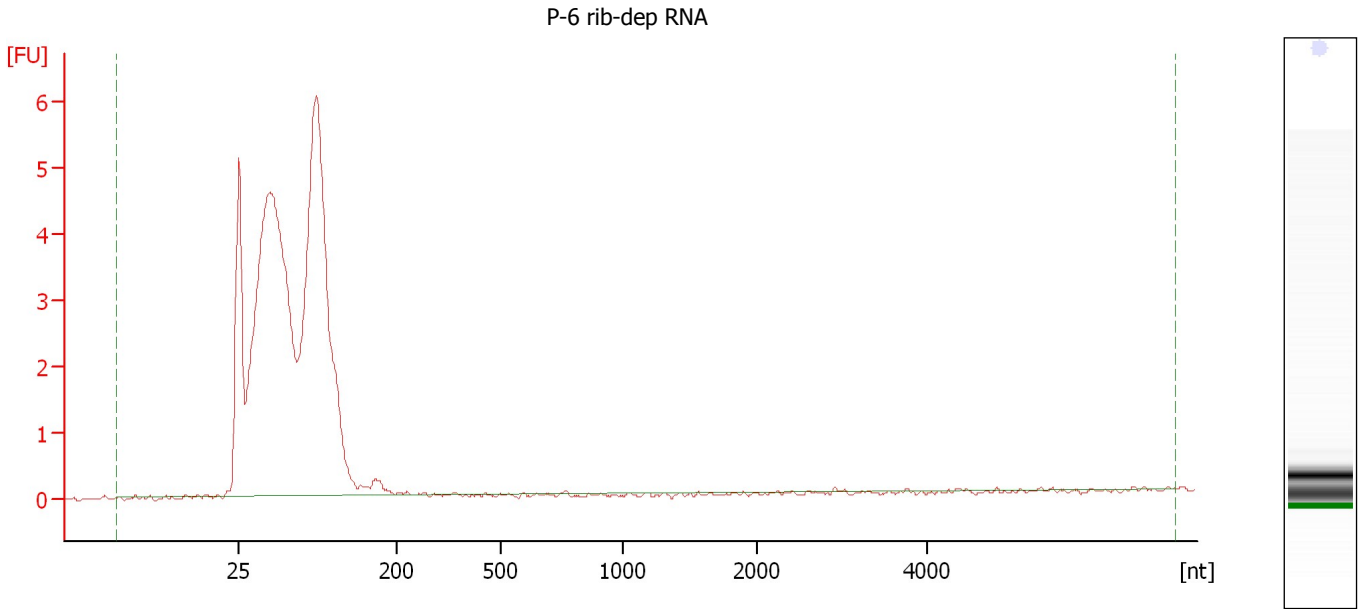
Overall Results for sample 11 : P-5 rib-dep RNA

RNA Area:	75.7	RNA Integrity Number (RIN):	2.6 (B.02.08)
RNA Concentration:	66 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.60

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-20\2014-02-20_003.xad

Created: 2/20/2014 11:41:26 AM
Modified: 2/20/2014 12:04:40 PM

Electropherogram Summary Continued ...



Overall Results for sample 12 : P-6 rib-dep RNA

RNA Area:	56.8	RNA Integrity Number (RIN):	2.6 (B.02.08)
RNA Concentration:	50 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.60

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-20\2014-02-20_003.xad

Created: 2/20/2014 11:41:26 AM
Modified: 2/20/2014 12:04:40 PM

Gel Image

