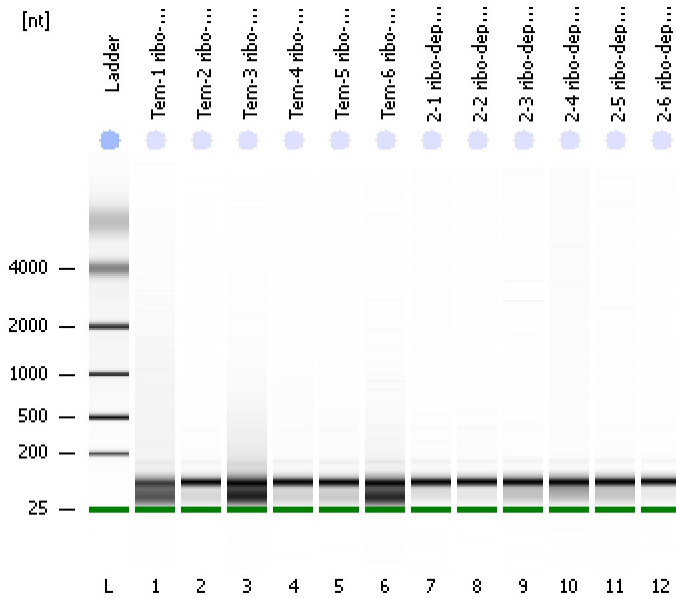


Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-20\2014-02-20_002.xad

Created: 2/20/2014 10:48:05 AM
Modified: 2/20/2014 11:45:34 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 Nano Series II.xsy

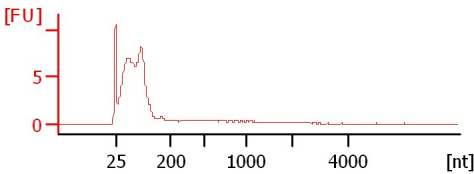
Assay Class: Eukaryote Total RNA Nano
Version: 2.6
Assay Comments: Total RNA Analysis ng sensitivity (Eukaryote)

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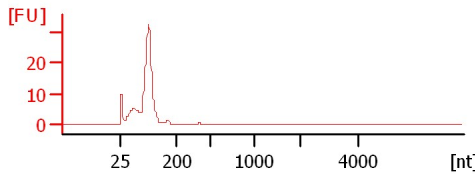
Chip Information:

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

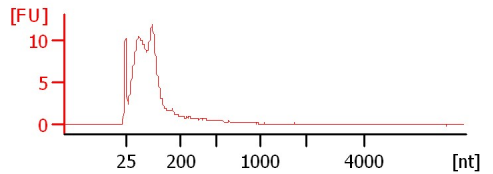
Tem-1 ribo-dep RNA
RIN: 2.60



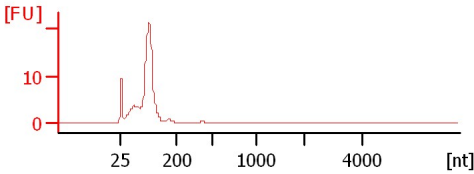
Tem-2 ribo-dep RNA
RIN: 2.60



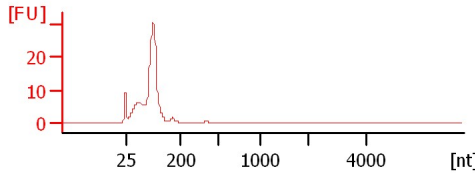
Tem-3 ribo-dep RNA
RIN: 2.60



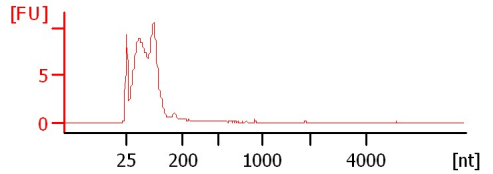
Tem-4 ribo-dep RNA
RIN: 2.60



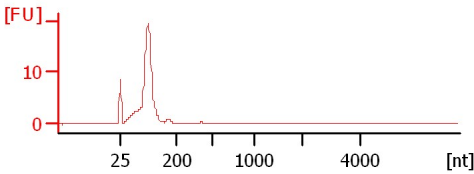
Tem-5 ribo-dep RNA
RIN: 2.50



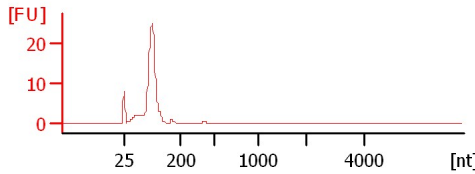
Tem-6 ribo-dep RNA
RIN: 2.60



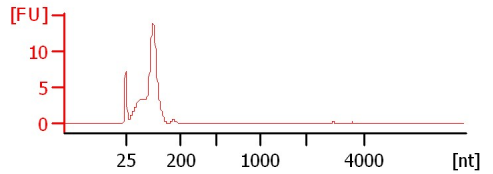
2-1 ribo-dep RNA
RIN: 2.60



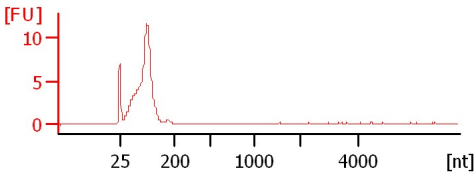
2-2 ribo-dep RNA
RIN: 2.60



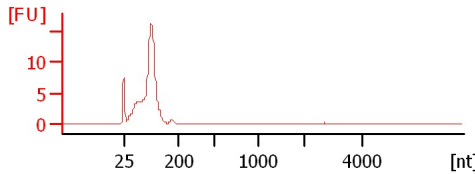
2-3 ribo-dep RNA
RIN: 2.60



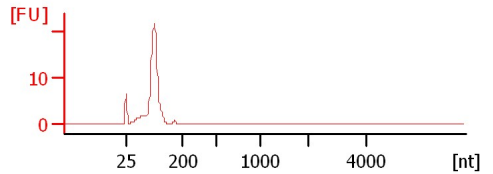
2-4 ribo-dep RNA
RIN: 2.60



2-5 ribo-dep RNA
RIN: 2.60



2-6 ribo-dep RNA
RIN: 2.60



Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-20\2014-02-20_002.xad

Created: 2/20/2014 10:48:05 AM
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Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
Tem-1 ribo-dep RNA		✓	RIN: 2.60	
Tem-2 ribo-dep RNA		✓	RIN: 2.60	
Tem-3 ribo-dep RNA		✓	RIN: 2.60	
Tem-4 ribo-dep RNA		✓	RIN: 2.60	
Tem-5 ribo-dep RNA		✓	RIN: 2.50	
Tem-6 ribo-dep RNA		✓	RIN: 2.60	
2-1 ribo-dep RNA		✓	RIN: 2.60	
2-2 ribo-dep RNA		✓	RIN: 2.60	
2-3 ribo-dep RNA		✓	RIN: 2.60	
2-4 ribo-dep RNA		✓	RIN: 2.60	
2-5 ribo-dep RNA		✓	RIN: 2.60	
2-6 ribo-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_002.xad

Created: 2/20/2014 10:48:05 AM
Modified: 2/20/2014 11:45:34 AM

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/ μ l] : 150

Lower Marker Concentration [ng/ μ l] : 0

Upper Marker Concentration [ng/ μ l] : 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

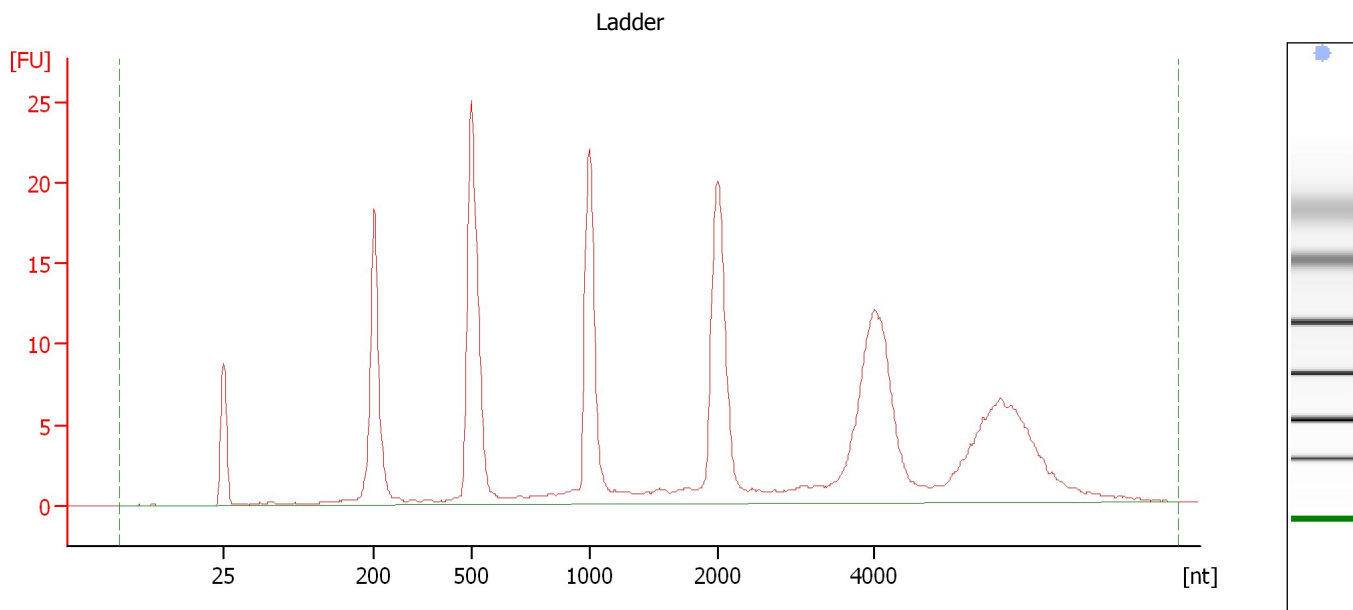
Ladder

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_002.xad

Created: 2/20/2014 10:48:05 AM
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Electropherogram Summary



Overall Results for Ladder

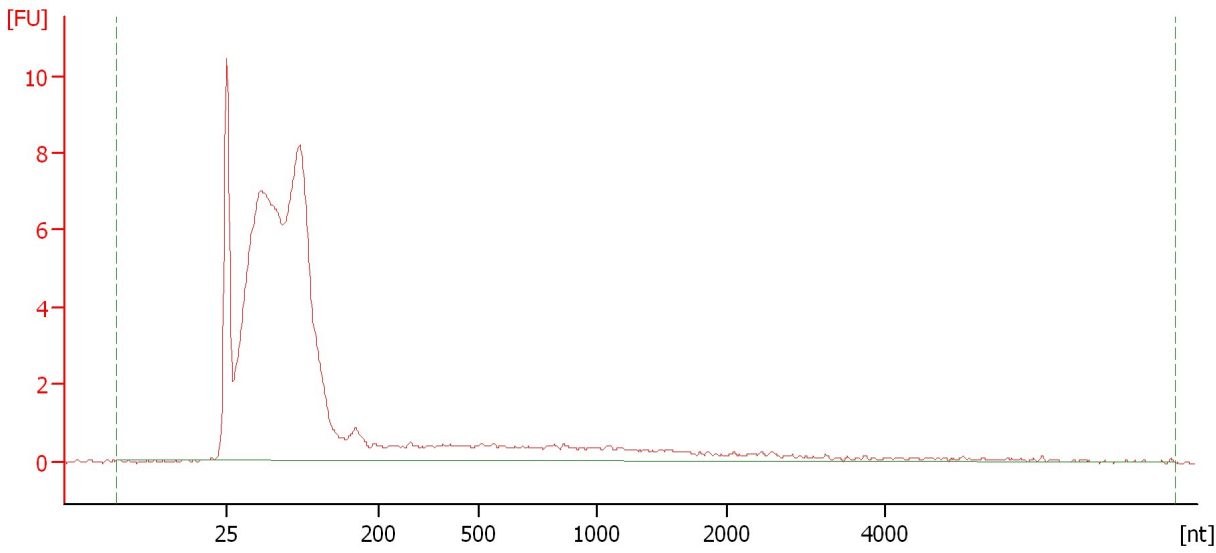
RNA Area:	231.8	Result Flagging Color:	
RNA Concentration:	150 ng/ μ l	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-20\2014-02-20_002.xad

Created: 2/20/2014 10:48:05 AM
Modified: 2/20/2014 11:45:34 AM

Electropherogram Summary Continued ...

Tem-1 ribo-dep RNA



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

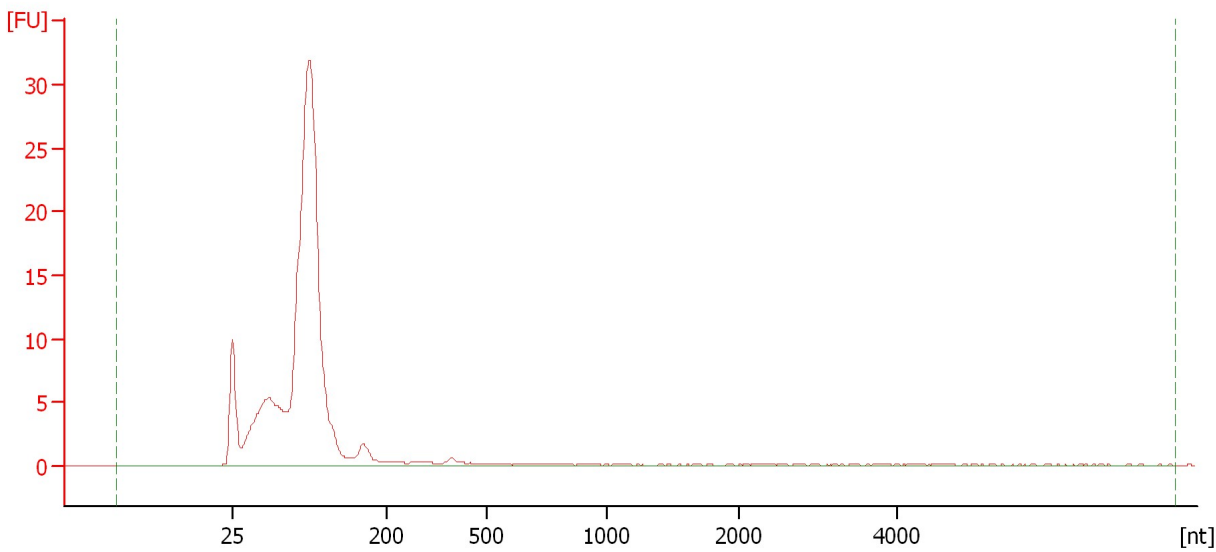
RNA Area:	108.7	RNA Integrity Number (RIN):	2.6 (B.02.08)
RNA Concentration:	70 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.60

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-20\2014-02-20_002.xad

Created: 2/20/2014 10:48:05 AM
Modified: 2/20/2014 11:45:34 AM

Electropherogram Summary Continued ...

Tem-2 ribo-dep RNA



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

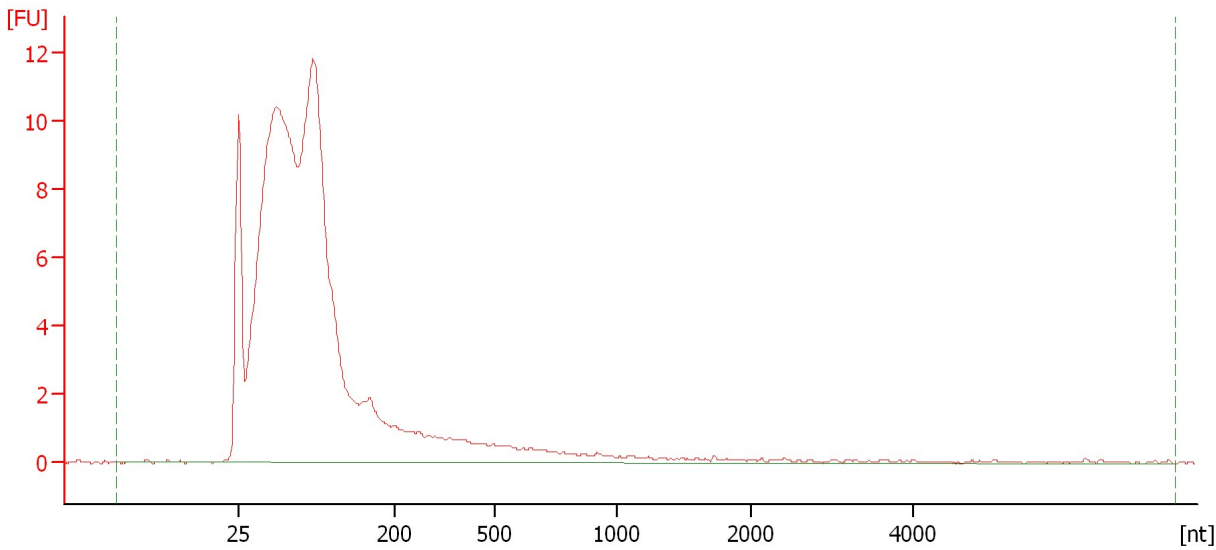
RNA Area:	162.4	RNA Integrity Number (RIN):	2.6 (B.02.08)
RNA Concentration:	105 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.60

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-20\2014-02-20_002.xad

Created: 2/20/2014 10:48:05 AM
Modified: 2/20/2014 11:45:34 AM

Electropherogram Summary Continued ...

Tem-3 ribo-dep RNA



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

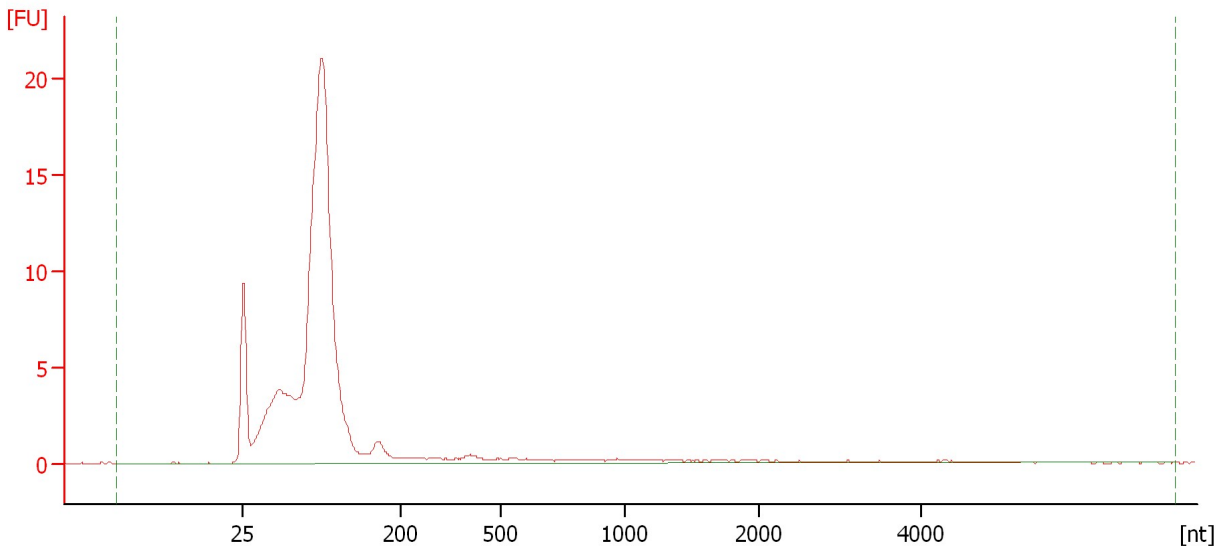
RNA Area:	158.2	RNA Integrity Number (RIN):	2.6 (B.02.08)
RNA Concentration:	102 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.60

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-20\2014-02-20_002.xad

Created: 2/20/2014 10:48:05 AM
Modified: 2/20/2014 11:45:34 AM

Electropherogram Summary Continued ...

Tem-4 ribo-dep RNA



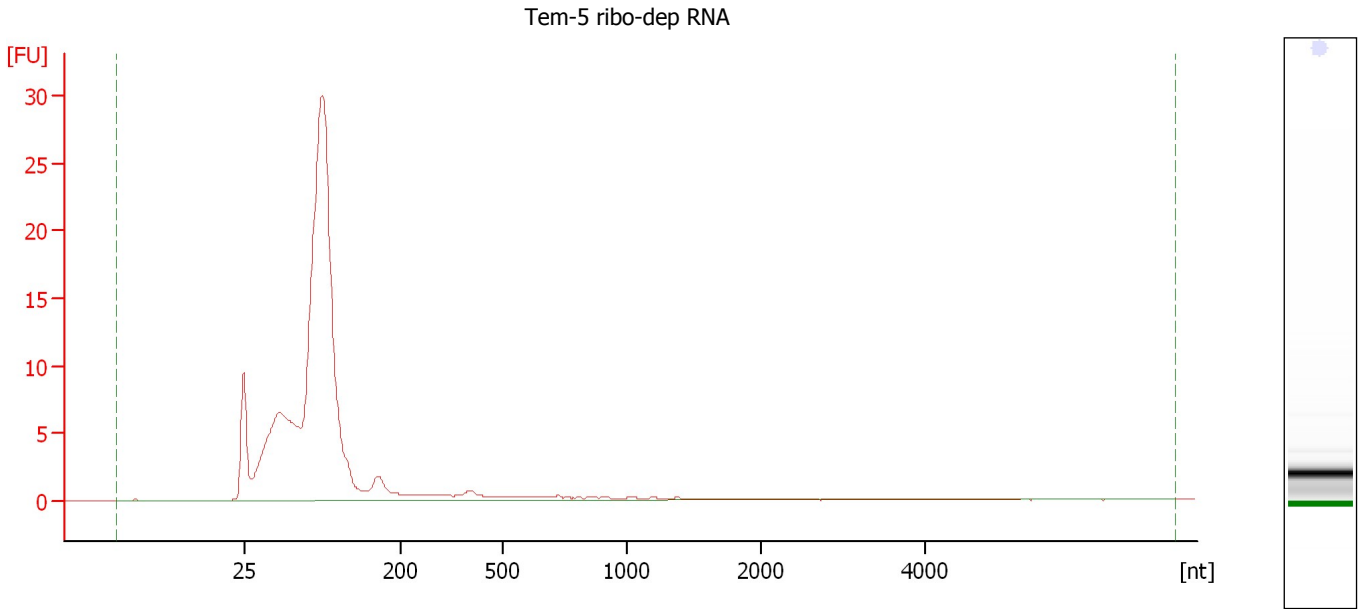
Overall Results for sample 4 : Tem-4 ribo-dep RNA

RNA Area:	120.0	RNA Integrity Number (RIN):	2.6 (B.02.08)
RNA Concentration:	78 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_002.xad

Created: 2/20/2014 10:48:05 AM
Modified: 2/20/2014 11:45:34 AM

Electropherogram Summary Continued ...



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

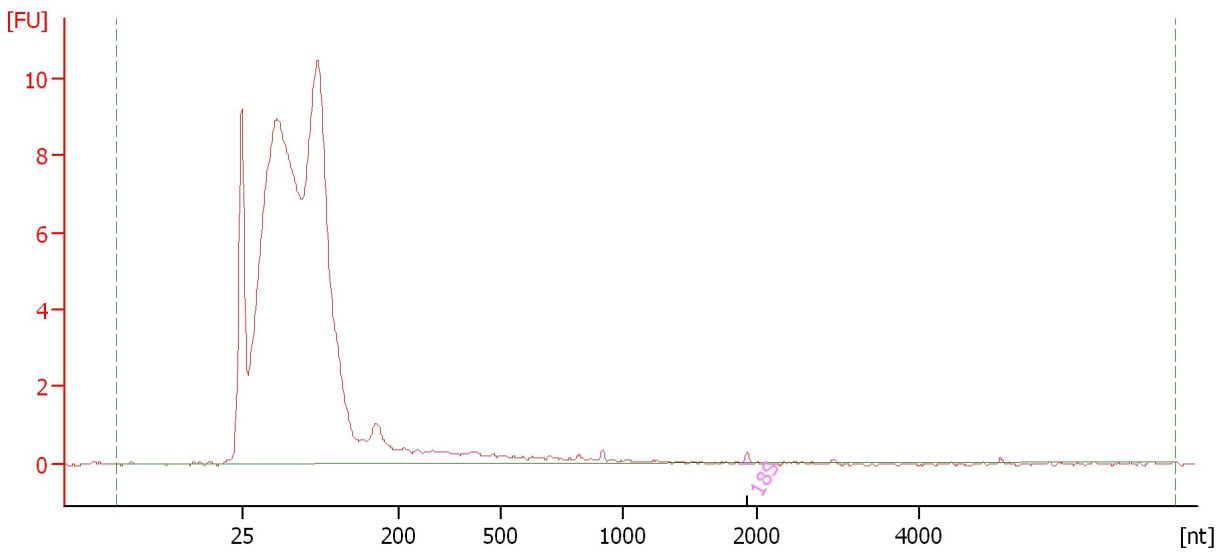
RNA Area:	171.4	RNA Integrity Number (RIN):	2.5 (B.02.08)
RNA Concentration:	111 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.50

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-20\2014-02-20_002.xad

Created: 2/20/2014 10:48:05 AM
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Electropherogram Summary Continued ...

Tem-6 ribo-dep RNA



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

RNA Area:	121.7	RNA Integrity Number (RIN):	2.6 (B.02.08)
RNA Concentration:	79 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.60

Fragment table for sample 6 : Tem-6 ribo-dep RNA

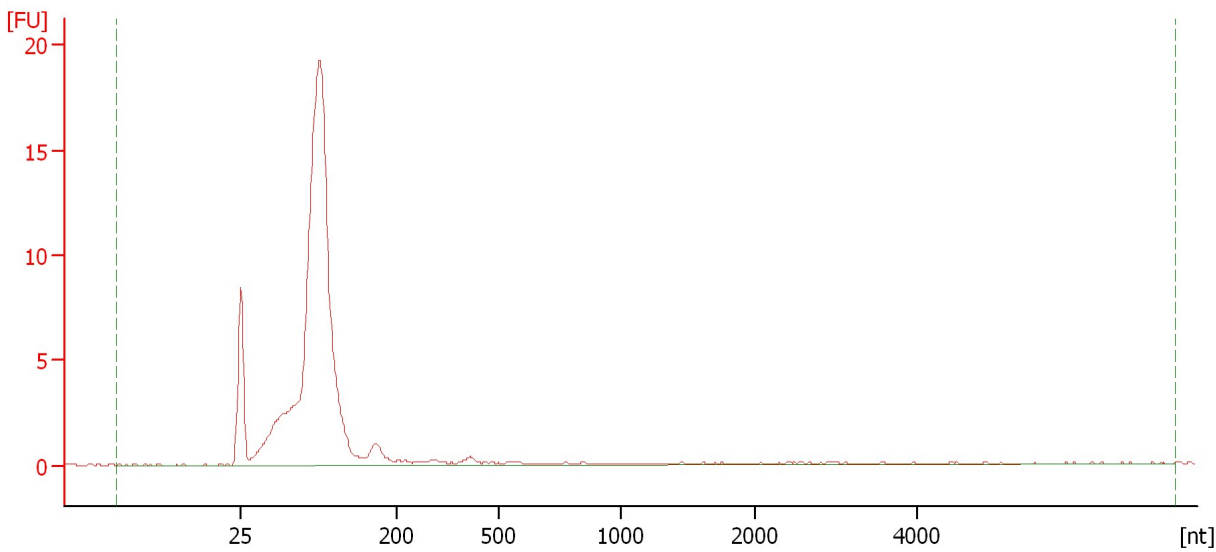
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,880	1,968	0.1	0.1

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-20\2014-02-20_002.xad

Created: 2/20/2014 10:48:05 AM
Modified: 2/20/2014 11:45:34 AM

Electropherogram Summary Continued ...

2-1 ribo-dep RNA



Overall Results for sample 7 : 2-1 ribo-dep RNA

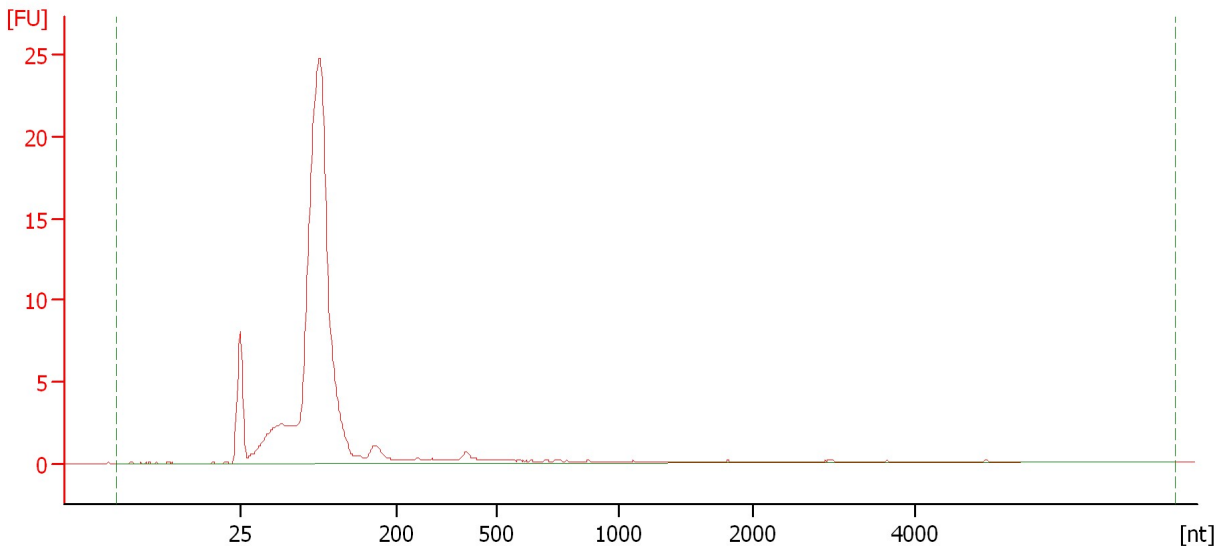
RNA Area:	96.4	RNA Integrity Number (RIN):	2.6 (B.02.08)
RNA Concentration:	62 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.60

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-20\2014-02-20_002.xad

Created: 2/20/2014 10:48:05 AM
Modified: 2/20/2014 11:45:34 AM

Electropherogram Summary Continued ...

2-2 ribo-dep RNA



Overall Results for sample 8 : 2-2 ribo-dep RNA

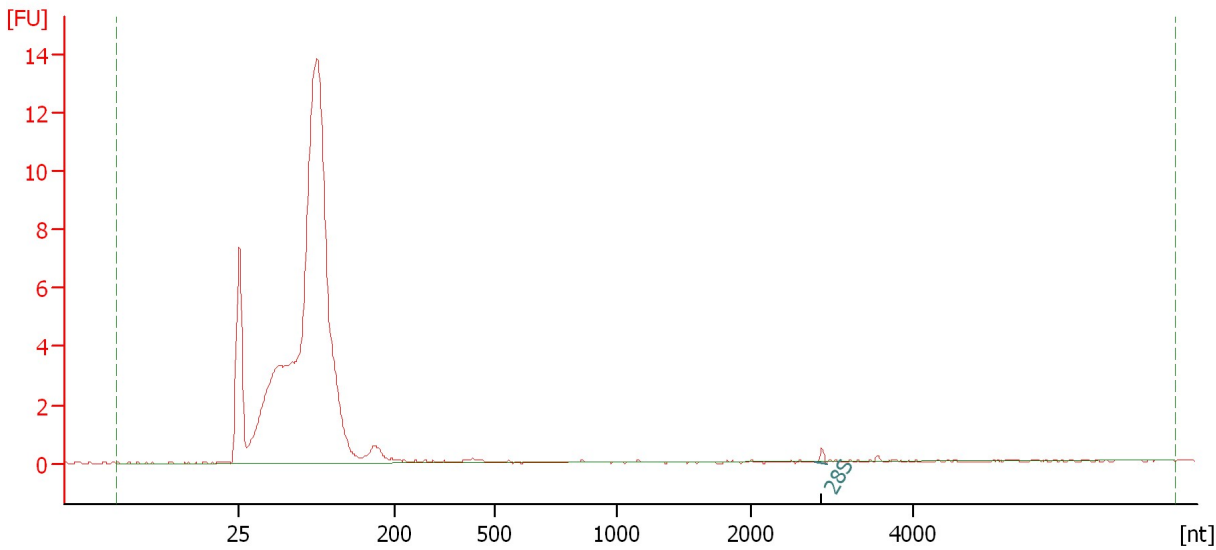
RNA Area:	115.2	RNA Integrity Number (RIN):	2.6 (B.02.08)
RNA Concentration:	75 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.60

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-20\2014-02-20_002.xad

Created: 2/20/2014 10:48:05 AM
Modified: 2/20/2014 11:45:34 AM

Electropherogram Summary Continued ...

2-3 ribo-dep RNA



Overall Results for sample 9 : 2-3 ribo-dep RNA

RNA Area:	79.5	RNA Integrity Number (RIN):	2.6 (B.02.08)
RNA Concentration:	51 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.60

Fragment table for sample 9 : 2-3 ribo-dep RNA

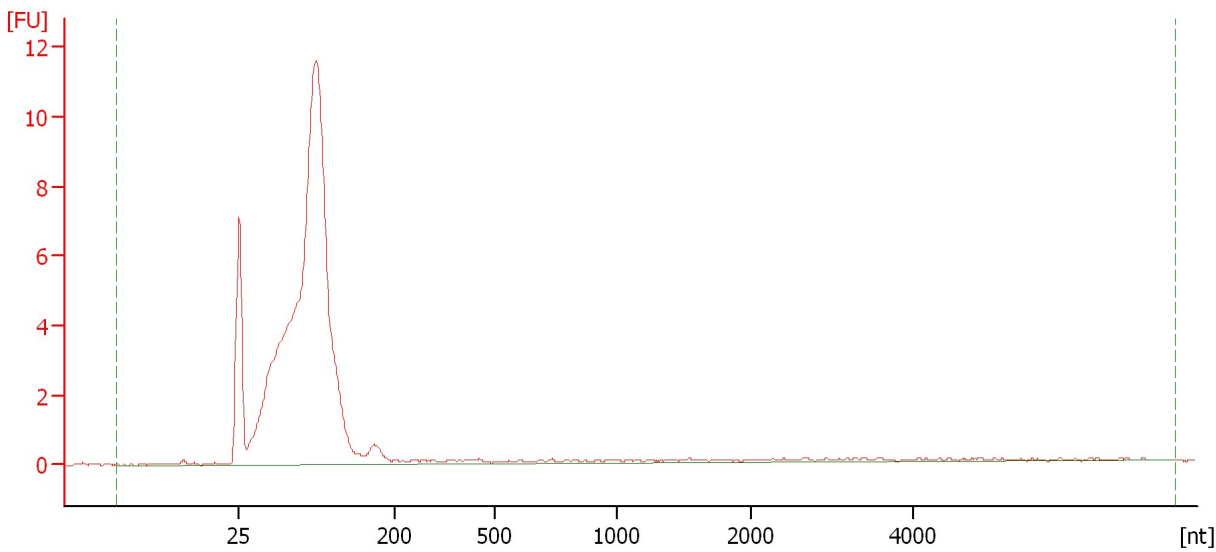
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
28S	2,792	2,937	0.2	0.3

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-20\2014-02-20_002.xad

Created: 2/20/2014 10:48:05 AM
Modified: 2/20/2014 11:45:34 AM

Electropherogram Summary Continued ...

2-4 ribo-dep RNA



Overall Results for sample 10 : 2-4 ribo-dep RNA

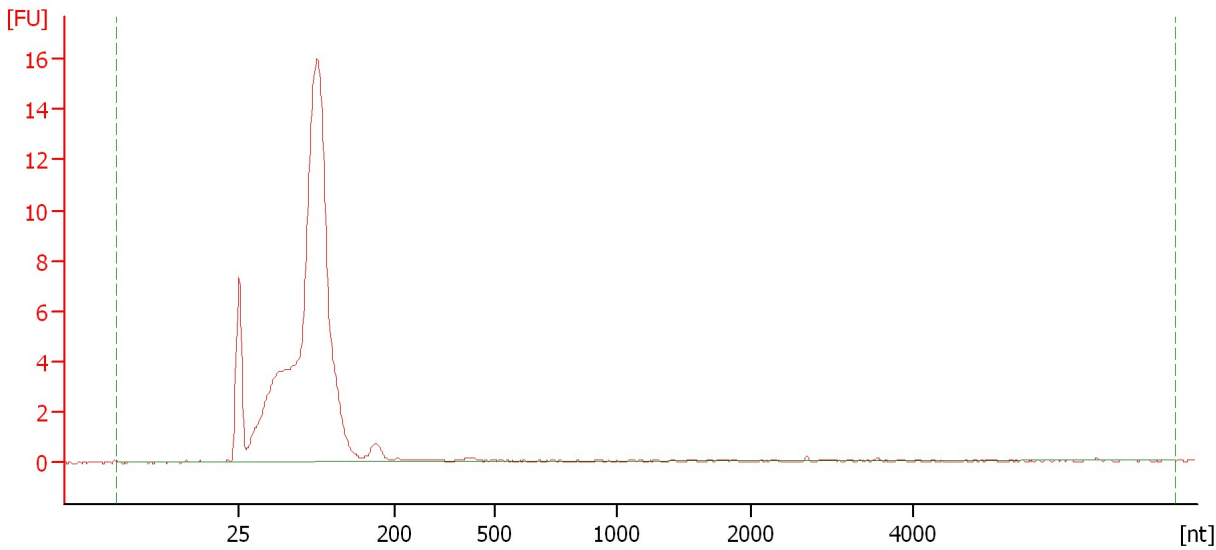
RNA Area:	80.0	RNA Integrity Number (RIN):	2.6 (B.02.08)
RNA Concentration:	52 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.60

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-20\2014-02-20_002.xad

Created: 2/20/2014 10:48:05 AM
Modified: 2/20/2014 11:45:34 AM

Electropherogram Summary Continued ...

2-5 ribo-dep RNA



Overall Results for sample 11 : 2-5 ribo-dep RNA

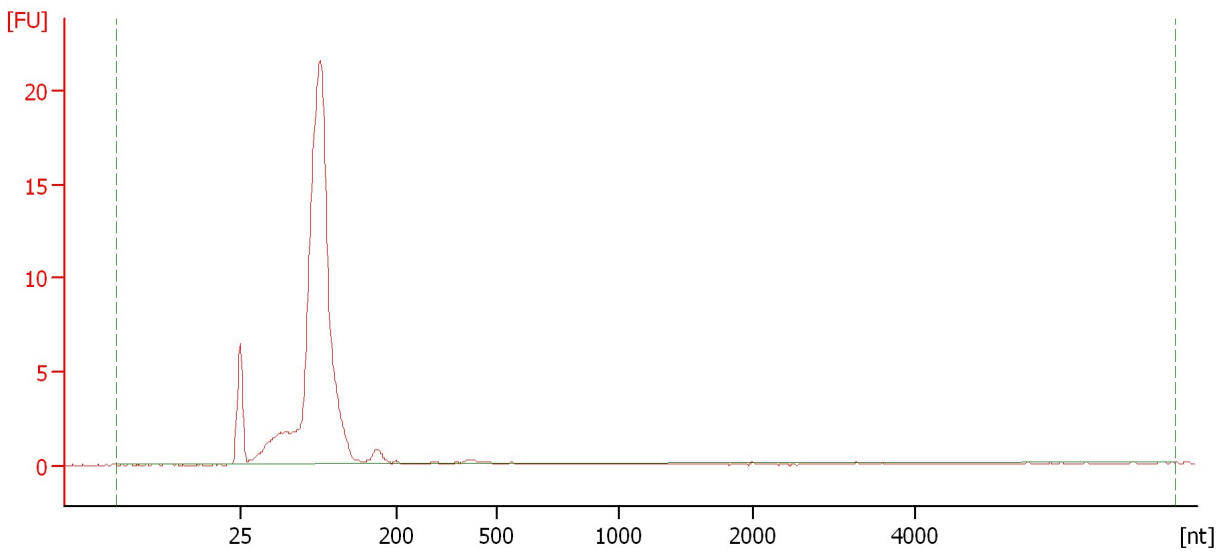
RNA Area:	88.4	RNA Integrity Number (RIN):	2.6 (B.02.08)
RNA Concentration:	57 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.60

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-20\2014-02-20_002.xad

Created: 2/20/2014 10:48:05 AM
Modified: 2/20/2014 11:45:34 AM

Electropherogram Summary Continued ...

2-6 ribo-dep RNA



Overall Results for sample 12 : 2-6 ribo-dep RNA

RNA Area:	88.2	RNA Integrity Number (RIN):	2.6 (B.02.08)
RNA Concentration:	57 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_002.xad

Created: 2/20/2014 10:48:05 AM
Modified: 2/20/2014 11:45:34 AM

Gel Image

