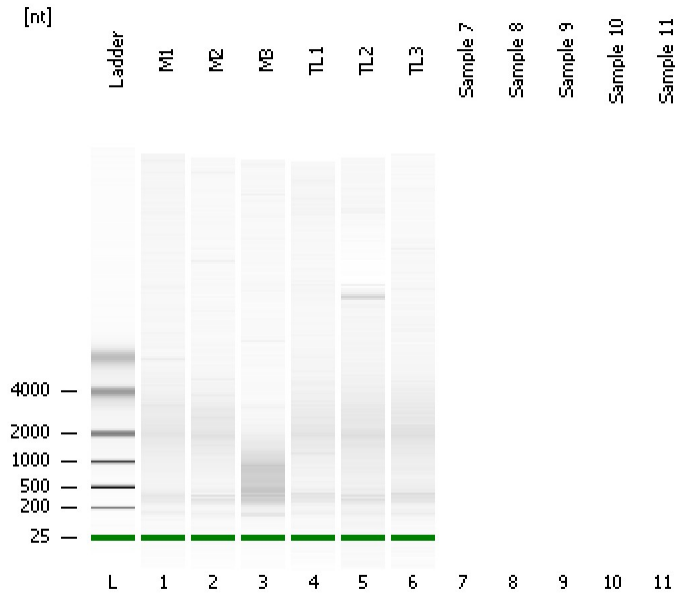


Assay Class: mRNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2015-05-11\2015-05-11_001.xad

Created: 5/11/2015 10:56:29 AM
Modified: 5/11/2015 11:14:01 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\mRNA Pico Series II.xsy

Assay Class: mRNA Pico
Version: 2.6
Assay Comments: mRNA Analysis pg sensitivity

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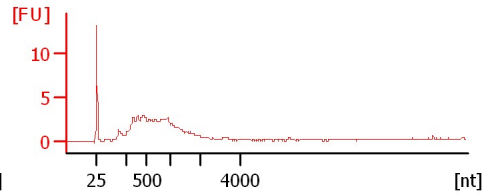
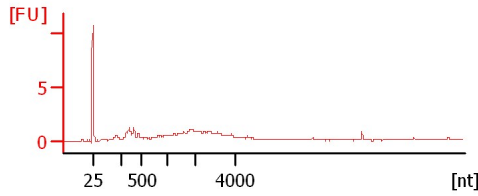
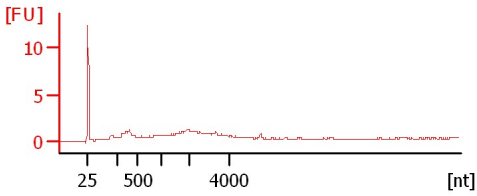
Chip Information:

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

M1

M2

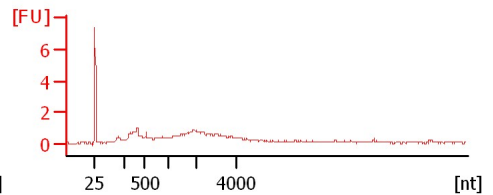
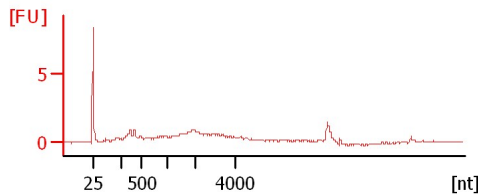
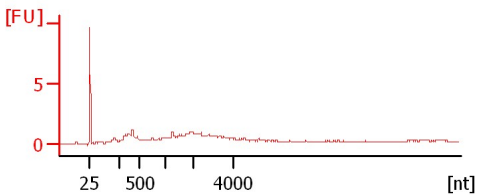
M3



TL1

TL2

TL3



Assay Class: mRNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2015-05-11\2015-05-11_001.xad

Created: 5/11/2015 10:56:29 AM
Modified: 5/11/2015 11:14:01 AM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
M1		✓		
M2		✓		
M3		✓		
TL1		✓		
TL2		✓		
TL3		✓		
Sample 7				
Sample 8				
Sample 9				
Sample 10				
Sample 11				
Ladder		✓		

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: mRNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2015-05-11\2015-05-11_001.xad

Created: 5/11/2015 10:56:29 AM
Modified: 5/11/2015 11:14:01 AM

Electrophoresis Assay Details

General Analysis Settings

Number of Available Sample and Ladder Wells (Max.) : 12

Minimum Visible Range [s] : 14

Maximum Visible Range [s] : 85

Start Analysis Time Range [s] : 15

End Analysis Time Range [s] : 84

Ladder Concentration [pg/ μ l] : 1000

Lower Marker Concentration [pg/ μ l] : 0

Upper Marker Concentration [pg/ 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] : 15

Integration End Time [s] : 84

Slope Threshold : 0.2

Height Threshold [FU] : 0.5

Area Threshold : 0.1

Width Threshold [s] : 0.2

Baseline Plateau [s] : 0.5

Filter Settings

Filter Width [s] : 0.5

Polynomial Order : 4

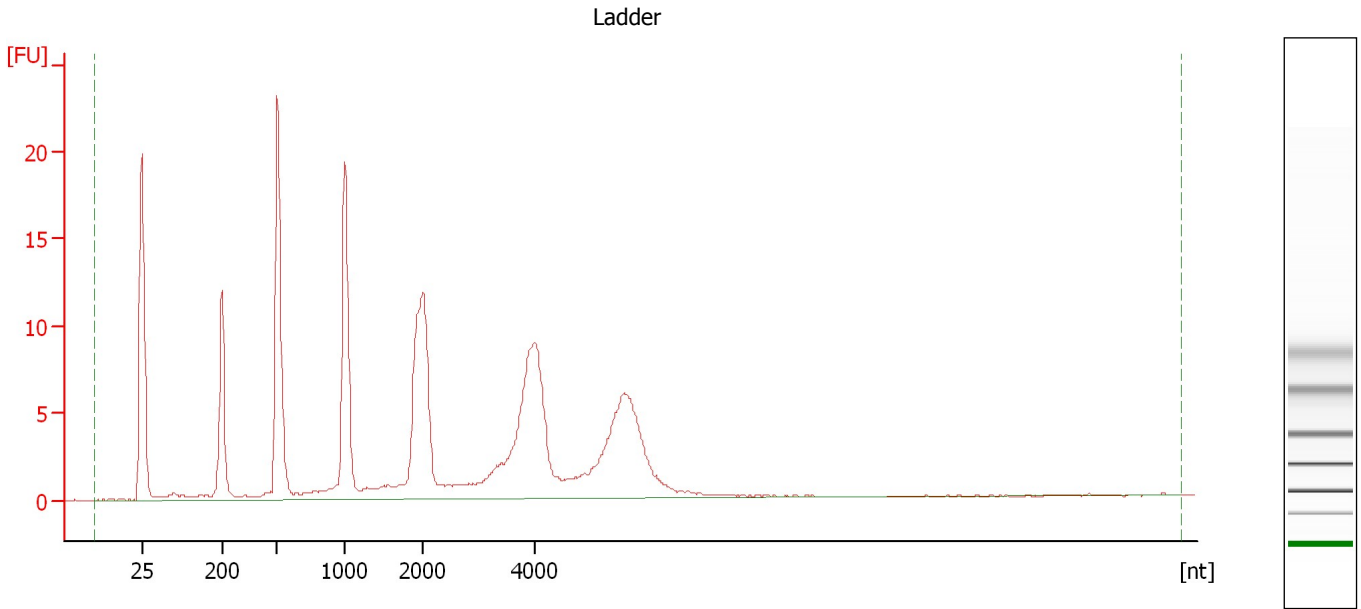
Ladder

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

Assay Class: mRNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2015-05-11\2015-05-11_001.xad

Created: 5/11/2015 10:56:29 AM
Modified: 5/11/2015 11:14:01 AM

Electropherogram Summary



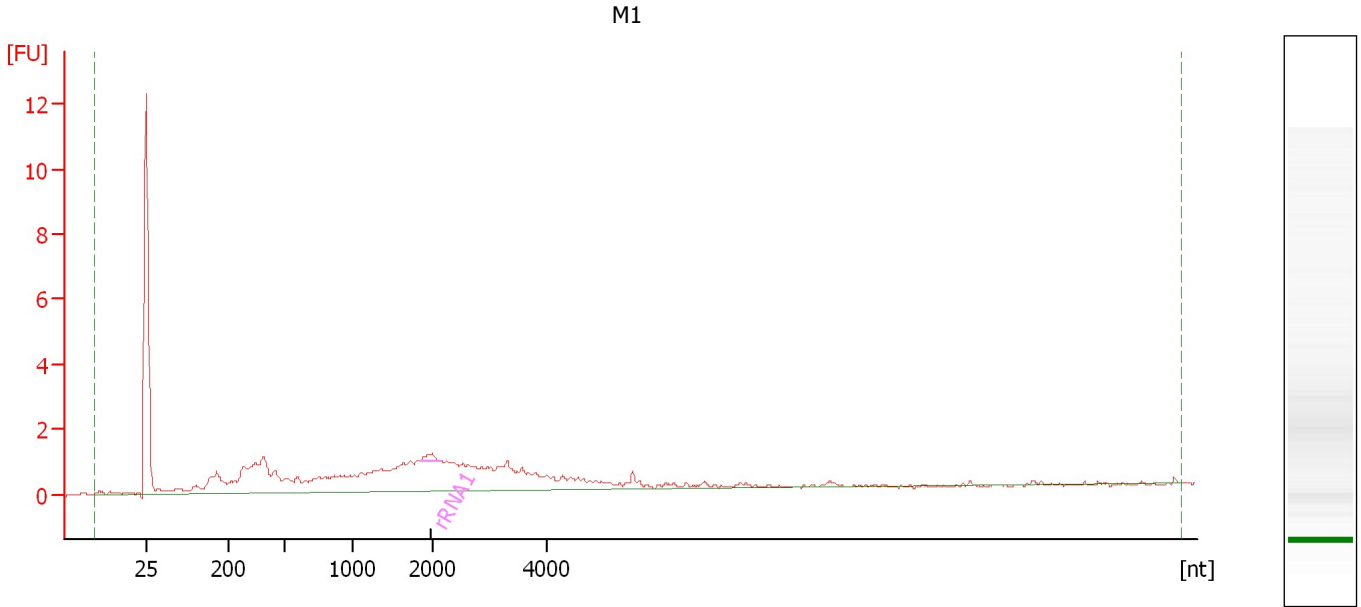
Overall Results for Ladder

RNA Area: 215.2 RNA Concentration: 1,000 pg/μl

Assay Class: mRNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2015-05-11\2015-05-11_001.xad

Created: 5/11/2015 10:56:29 AM
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Electropherogram Summary Continued ...



Overall Results for sample 1 : M1

RNA Area: 49.0 rRNA Contamination: 0.9 %
RNA Concentration: 228 pg/μl

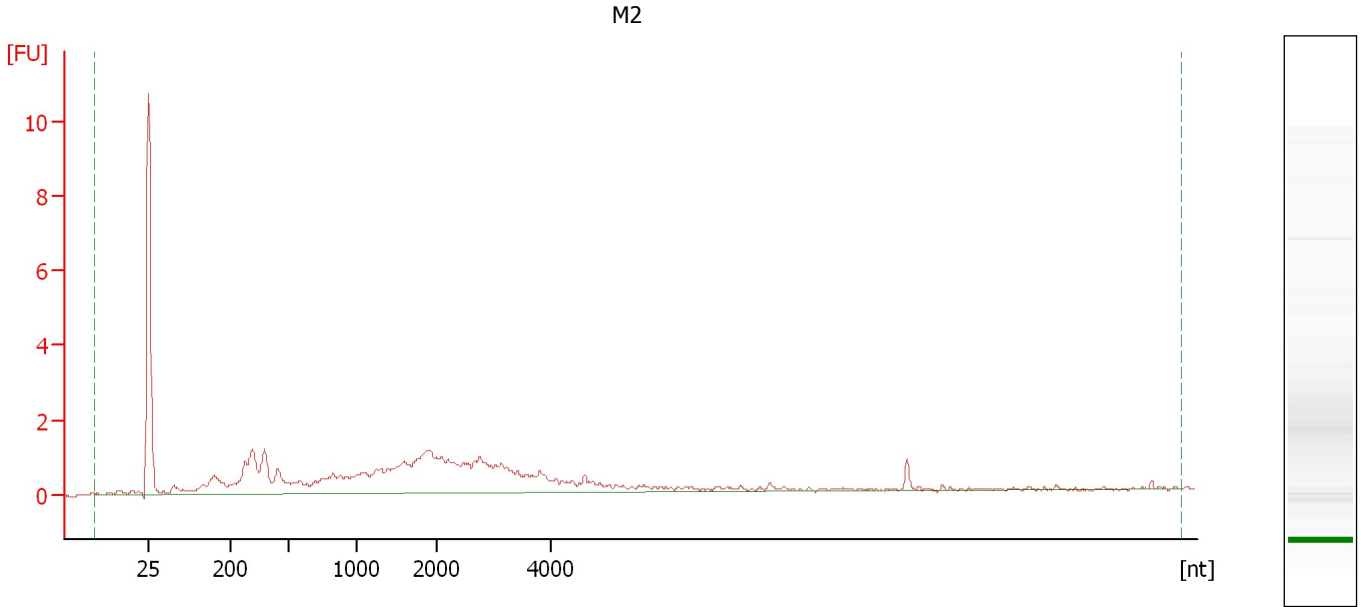
Fragment table for sample 1 : M1

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
rRNA1	1,853	2,132	0.4	0.9

Assay Class: mRNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2015-05-11\2015-05-11_001.xad

Created: 5/11/2015 10:56:29 AM
Modified: 5/11/2015 11:14:01 AM

Electropherogram Summary Continued ...



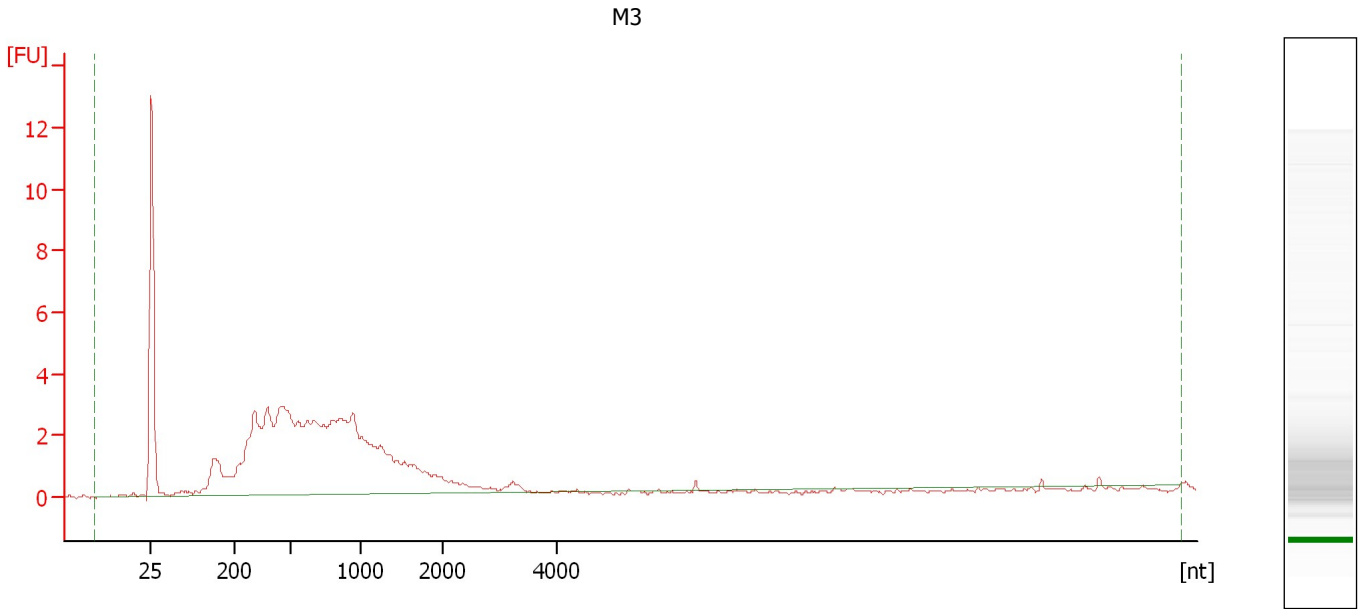
Overall Results for sample 2 : M2

RNA Area:	43.6	rRNA Contamination:	0.0 %
RNA Concentration:	203 pg/μl		

Assay Class: mRNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2015-05-11\2015-05-11_001.xad

Created: 5/11/2015 10:56:29 AM
Modified: 5/11/2015 11:14:01 AM

Electropherogram Summary Continued ...



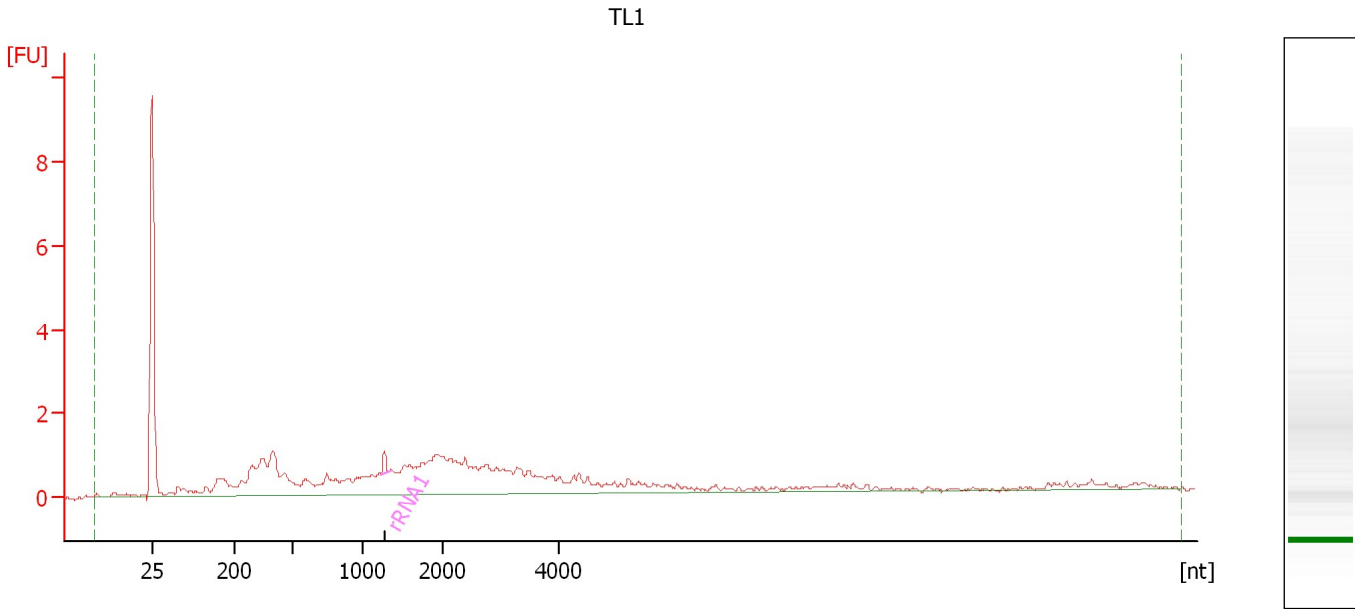
Overall Results for sample 3 : M3

RNA Area:	87.5	rRNA Contamination:	0.0 %
RNA Concentration:	407 pg/μl		

Assay Class: mRNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2015-05-11\2015-05-11_001.xad

Created: 5/11/2015 10:56:29 AM
Modified: 5/11/2015 11:14:01 AM

Electropherogram Summary Continued ...



Overall Results for sample 4 : TL1

RNA Area: 43.5 rRNA Contamination: 0.8 %
RNA Concentration: 202 pg/μl

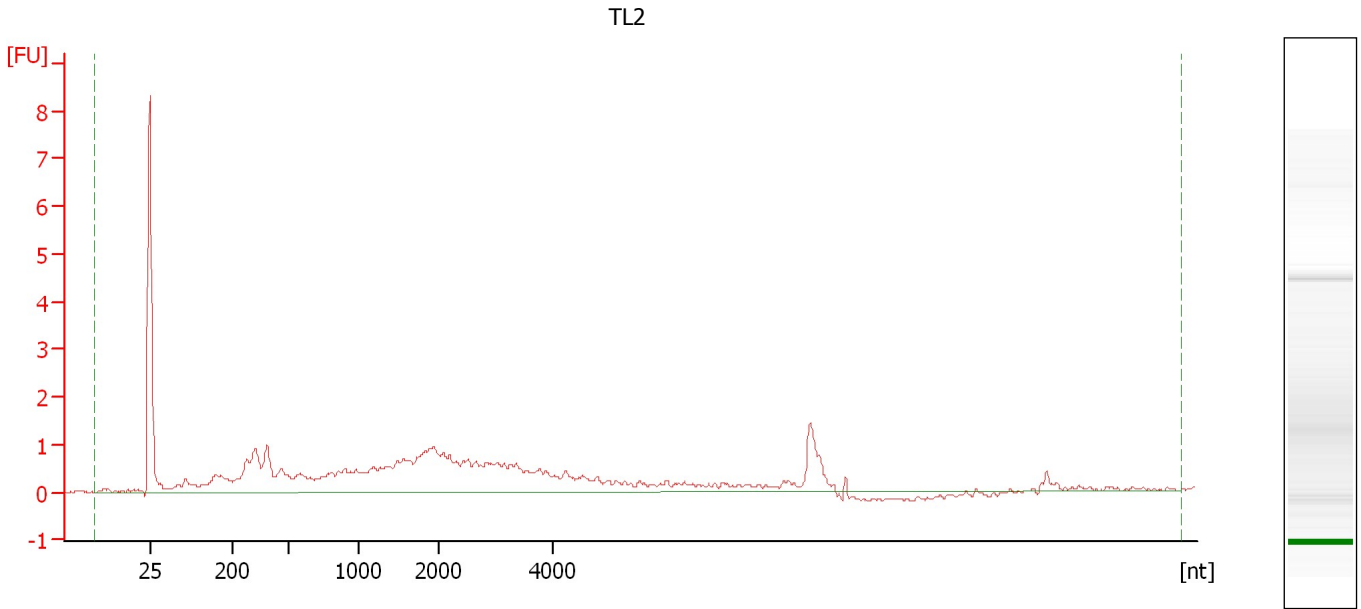
Fragment table for sample 4 : TL1

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
rRNA1	1,229	1,347	0.4	0.8

Assay Class: mRNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2015-05-11\2015-05-11_001.xad

Created: 5/11/2015 10:56:29 AM
Modified: 5/11/2015 11:14:01 AM

Electropherogram Summary Continued ...



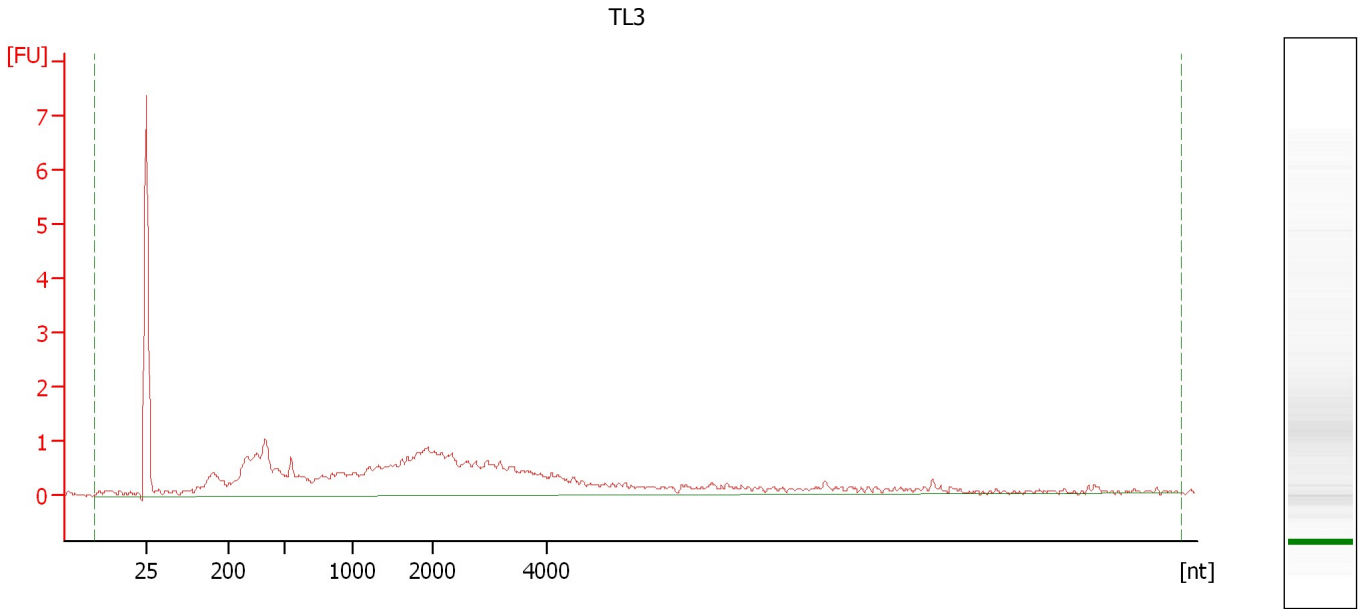
Overall Results for sample 5 : TL2

RNA Area:	45.4	rRNA Contamination:	0.0 %
RNA Concentration:	211 pg/μl		

Assay Class: mRNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2015-05-11\2015-05-11_001.xad

Created: 5/11/2015 10:56:29 AM
Modified: 5/11/2015 11:14:01 AM

Electropherogram Summary Continued ...



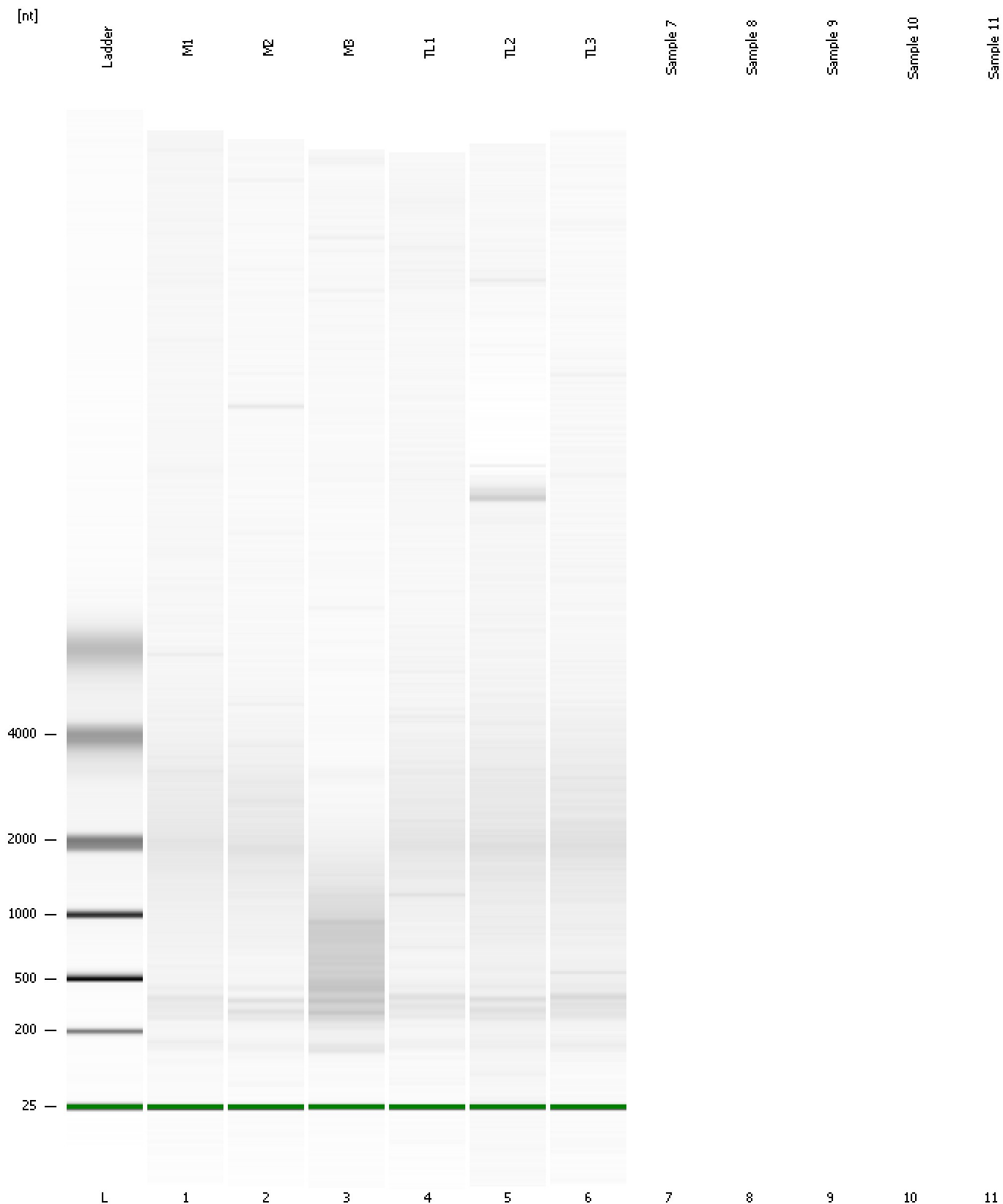
Overall Results for sample 6 : TL3

RNA Area: 41.9 rRNA Contamination: 0.0 %
RNA Concentration: 195 pg/μl

Assay Class: mRNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2015-05-11\2015-05-11_001.xad

Created: 5/11/2015 10:56:29 AM
Modified: 5/11/2015 11:14:01 AM

Gel Image



Assay Class: mRNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2015-05-11\2015-05-11_001.xad

Created: 5/11/2015 10:56:29 AM
Modified: 5/11/2015 11:14:01 AM

Invalid Samples

Sample 7 has not been run, no results available.

Sample 8 has not been run, no results available.

Sample 9 has not been run, no results available.

Sample 10 has not been run, no results available.

Sample 11 has not been run, no results available.