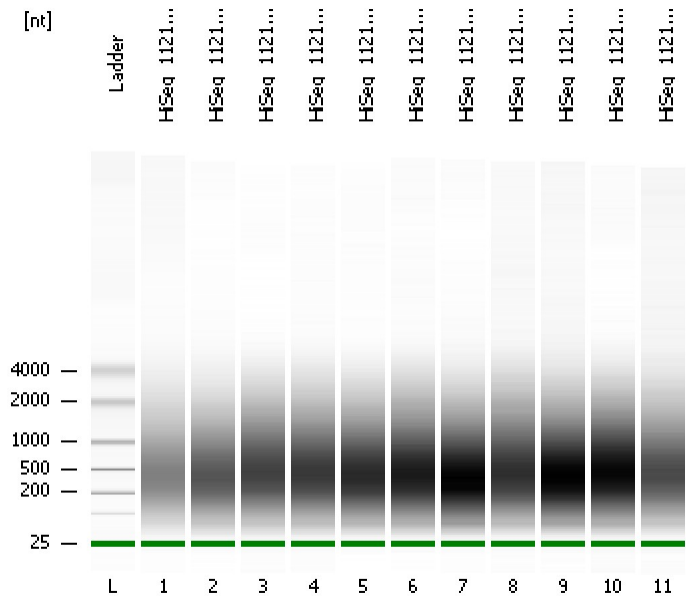


Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-10-20\2017-10-20_001.xad

Created: 10/20/2017 10:01:18 AM
Modified: 10/20/2017 10:27:12 AM

Electrophoresis File Run Summary



Instrument Information:

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

Assay Information:

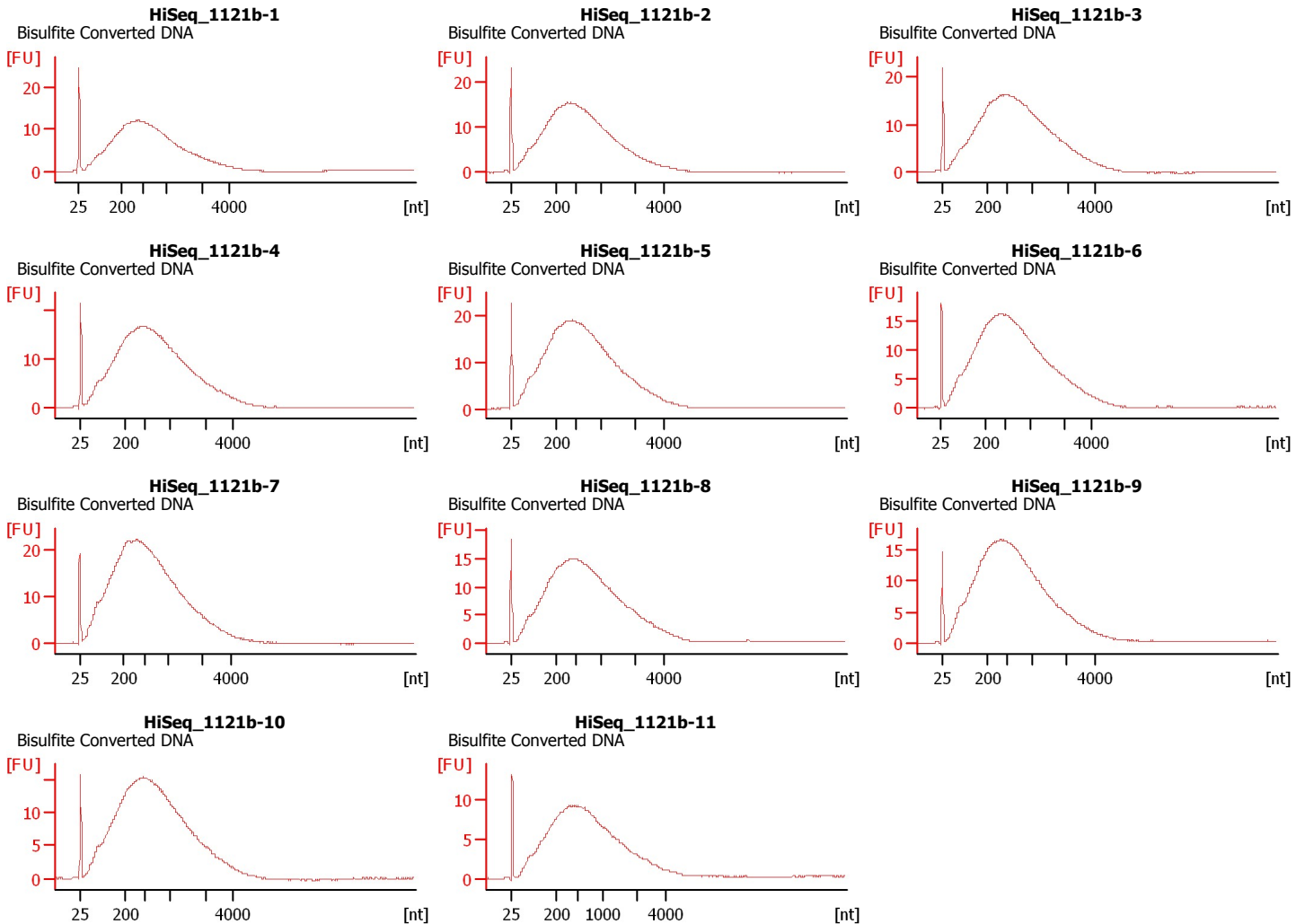
Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\mRNA Pico Series II.xsy

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:



Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-10-20\2017-10-20_001.xad

Created: 10/20/2017 10:01:18 AM
Modified: 10/20/2017 10:27:12 AM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
HiSeq_1121b-1	Bisulfite Converted DNA	✓		
HiSeq_1121b-2	Bisulfite Converted DNA	✓		
HiSeq_1121b-3	Bisulfite Converted DNA	✓		
HiSeq_1121b-4	Bisulfite Converted DNA	✓		
HiSeq_1121b-5	Bisulfite Converted DNA	✓		
HiSeq_1121b-6	Bisulfite Converted DNA	✓		
HiSeq_1121b-7	Bisulfite Converted DNA	✓		
HiSeq_1121b-8	Bisulfite Converted DNA	✓		
HiSeq_1121b-9	Bisulfite Converted DNA	✓		
HiSeq_1121b-10	Bisulfite Converted DNA	✓		
HiSeq_1121b-11	Bisulfite Converted DNA	✓		
Ladder		✓		

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

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-10-20\2017-10-20_001.xad

Created: 10/20/2017 10:01:18 AM
Modified: 10/20/2017 10:27:12 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/μl] : 1000
Lower Marker Concentration [pg/μl] : 0
Upper Marker Concentration [pg/μl] : 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

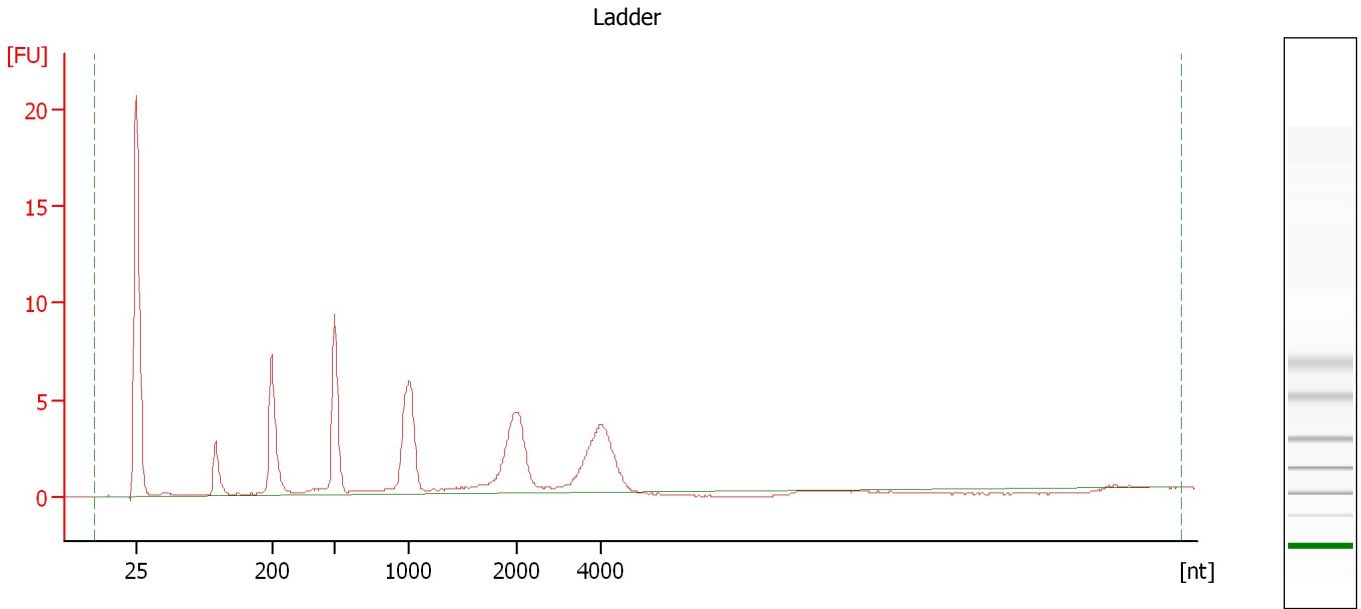
Ladder

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

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-10-20\2017-10-20_001.xad

Created: 10/20/2017 10:01:18 AM
Modified: 10/20/2017 10:27:12 AM

Electropherogram Summary



Overall Results for Ladder

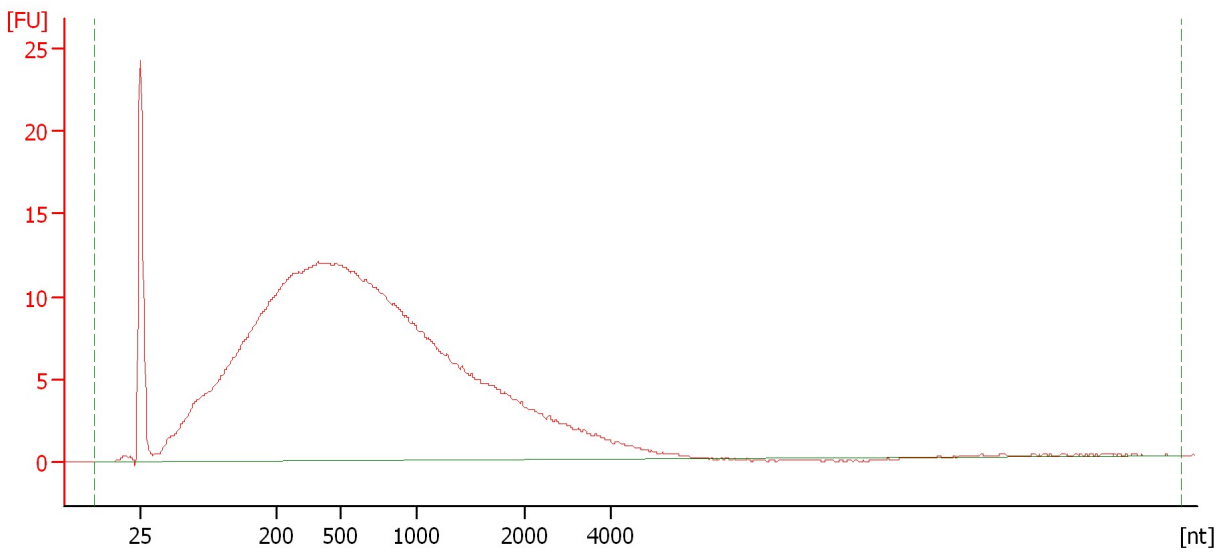
RNA Area: 85.1 RNA Concentration: 1,000 pg/μl

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-10-20\2017-10-20_001.xad

Created: 10/20/2017 10:01:18 AM
Modified: 10/20/2017 10:27:12 AM

Electropherogram Summary Continued ...

HiSeq_1121b-1 [Bisulfite Converted DNA]



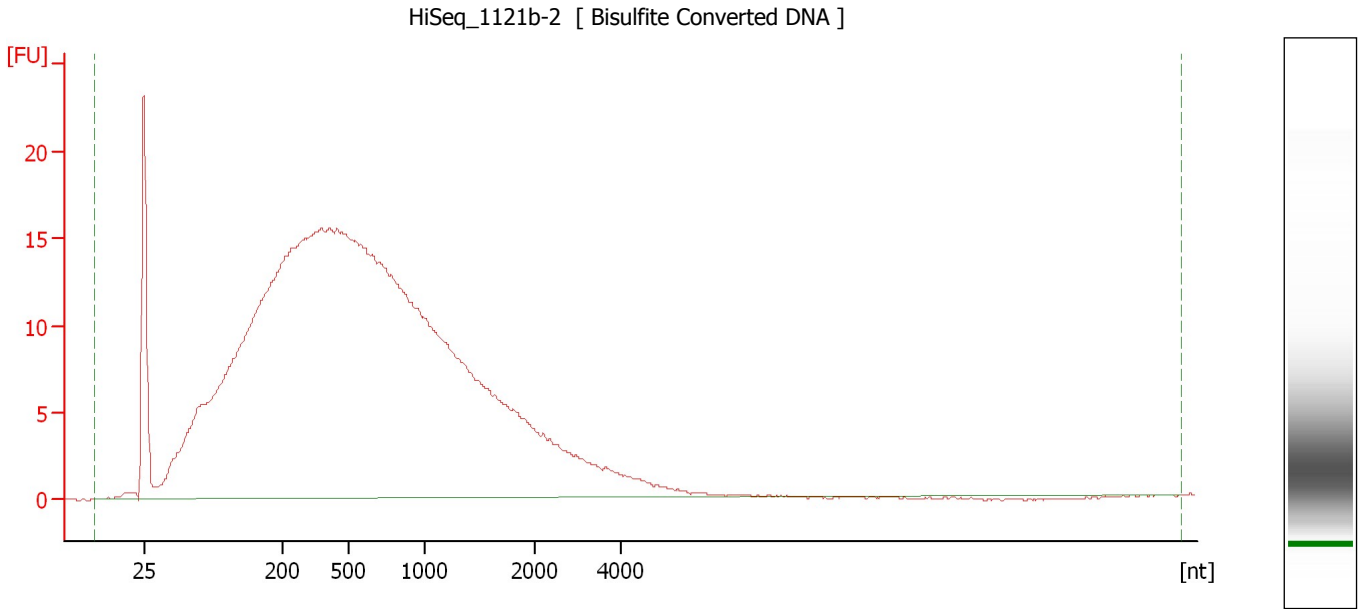
Overall Results for sample 1 : HiSeq_1121b-1

RNA Area:	584.3	rRNA Contamination:	0.0 %
RNA Concentration:	6,864 pg/μl		

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-10-20\2017-10-20_001.xad

Created: 10/20/2017 10:01:18 AM
Modified: 10/20/2017 10:27:12 AM

Electropherogram Summary Continued ...



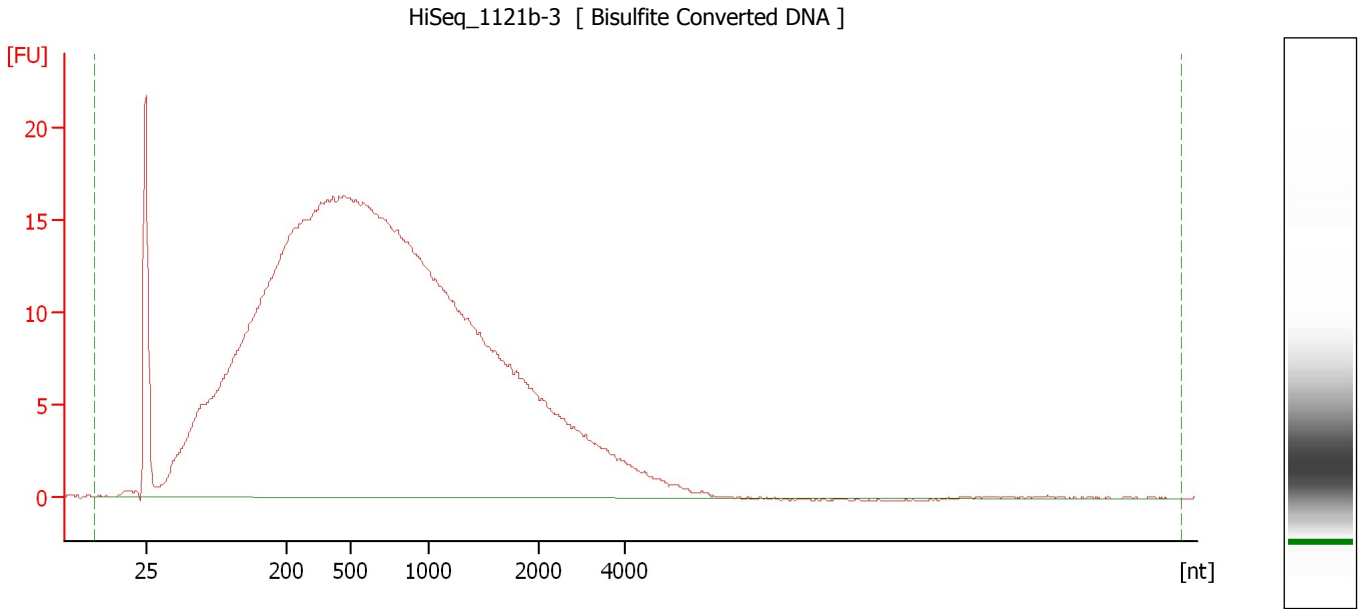
Overall Results for sample 2 : HiSeq_1121b-2

RNA Area:	760.2	rRNA Contamination:	0.0 %
RNA Concentration:	8,930 pg/μl		

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-10-20\2017-10-20_001.xad

Created: 10/20/2017 10:01:18 AM
Modified: 10/20/2017 10:27:12 AM

Electropherogram Summary Continued ...



Overall Results for sample 3 : HiSeq_1121b-3

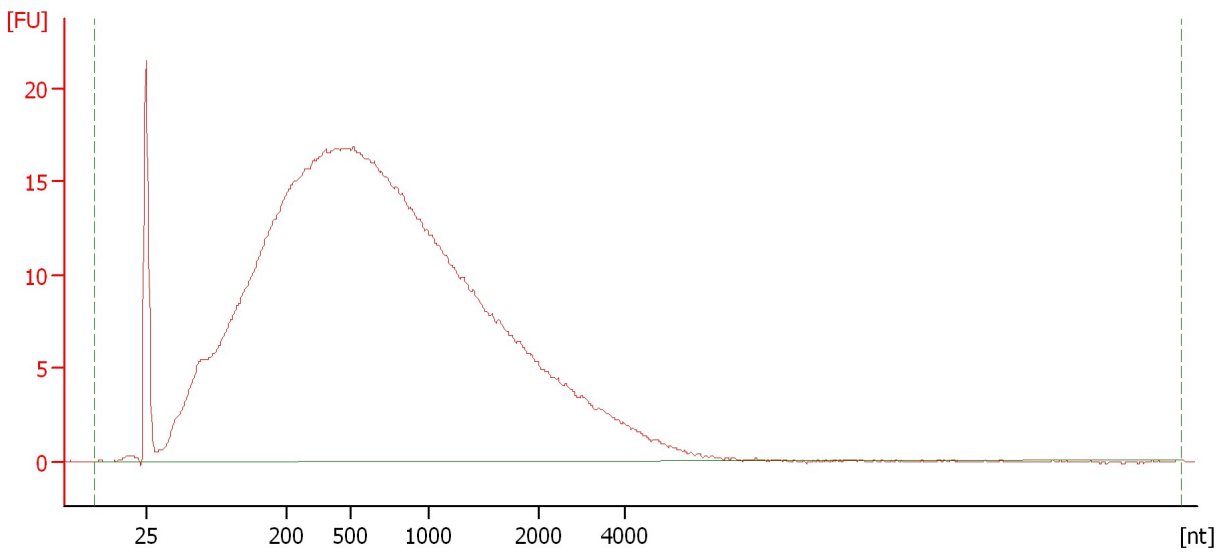
RNA Area: 837.5 rRNA Contamination: 0.0 %
RNA Concentration: 9,838 pg/μl

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-10-20\2017-10-20_001.xad

Created: 10/20/2017 10:01:18 AM
Modified: 10/20/2017 10:27:12 AM

Electropherogram Summary Continued ...

HiSeq_1121b-4 [Bisulfite Converted DNA]



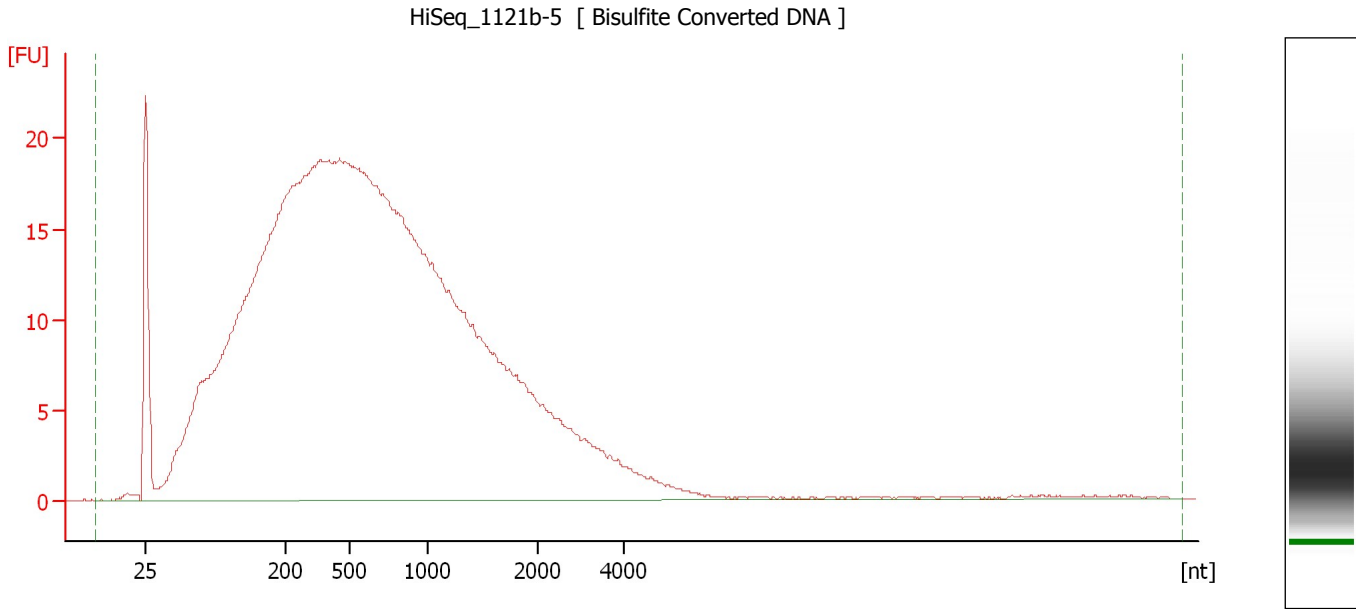
Overall Results for sample 4 : HiSeq_1121b-4

RNA Area: 852.5 rRNA Contamination: 0.0 %
RNA Concentration: 10,015 pg/μl

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-10-20\2017-10-20_001.xad

Created: 10/20/2017 10:01:18 AM
Modified: 10/20/2017 10:27:12 AM

Electropherogram Summary Continued ...



Overall Results for sample 5 : HiSeq_1121b-5

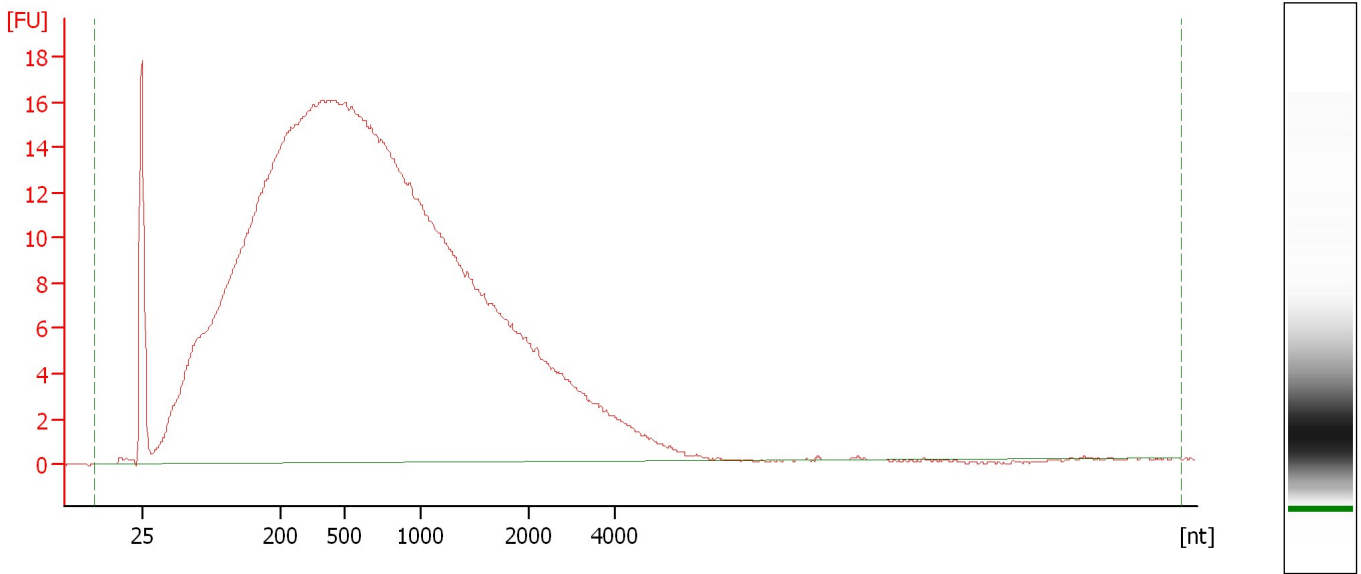
RNA Area: 963.0 rRNA Contamination: 0.0 %
RNA Concentration: 11,313 pg/μl

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-10-20\2017-10-20_001.xad

Created: 10/20/2017 10:01:18 AM
Modified: 10/20/2017 10:27:12 AM

Electropherogram Summary Continued ...

HiSeq_1121b-6 [Bisulfite Converted DNA]



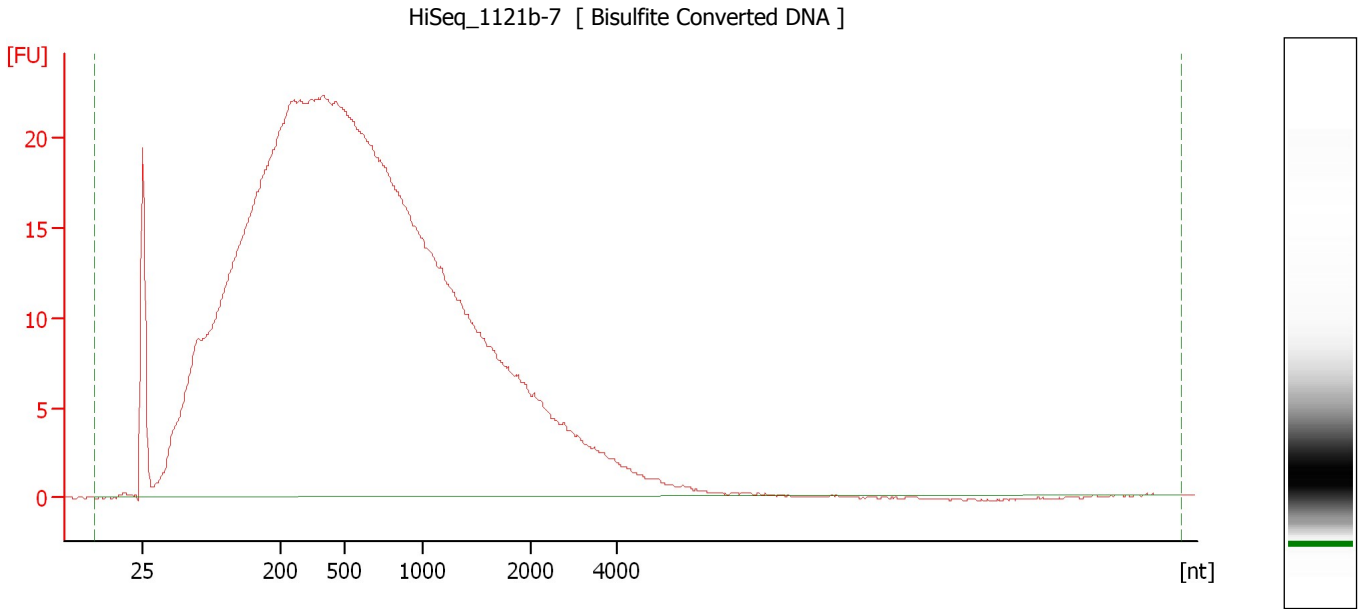
Overall Results for sample 6 : HiSeq_1121b-6

RNA Area: 826.5 rRNA Contamination: 0.0 %
RNA Concentration: 9,710 pg/μl

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-10-20\2017-10-20_001.xad

Created: 10/20/2017 10:01:18 AM
Modified: 10/20/2017 10:27:12 AM

Electropherogram Summary Continued ...



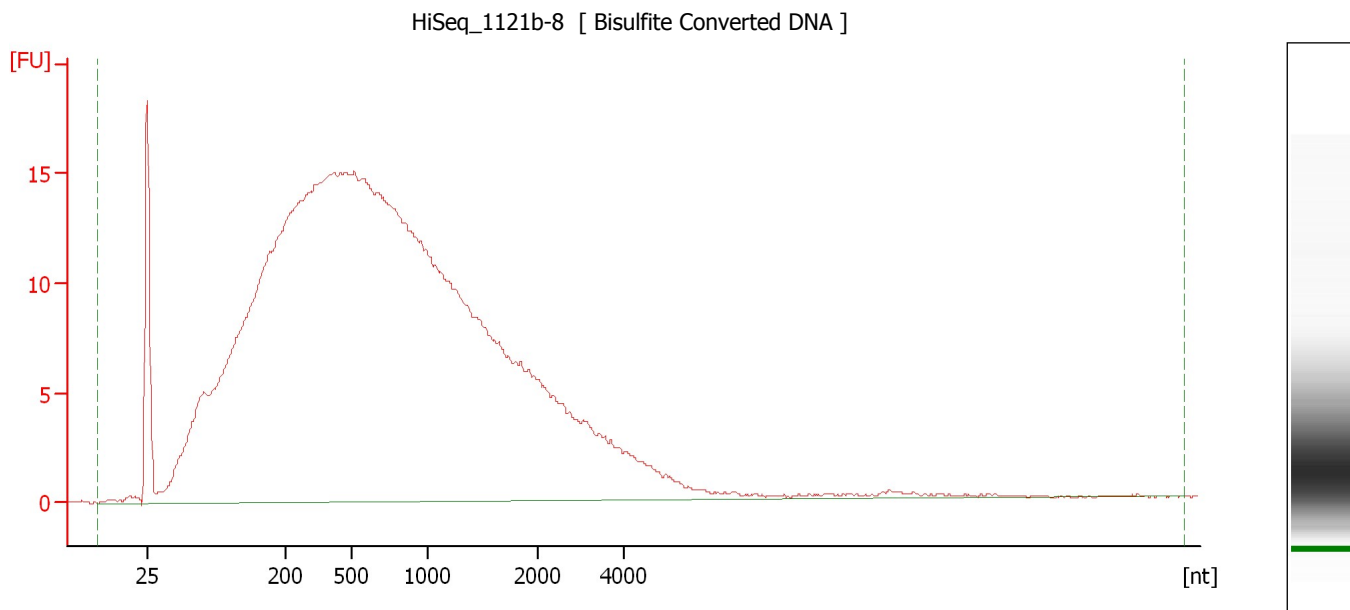
Overall Results for sample 7 : HiSeq_1121b-7

RNA Area: 1,121.4 rRNA Contamination: 0.0 %
RNA Concentration: 13,174 pg/μl

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-10-20\2017-10-20_001.xad

Created: 10/20/2017 10:01:18 AM
Modified: 10/20/2017 10:27:12 AM

Electropherogram Summary Continued ...



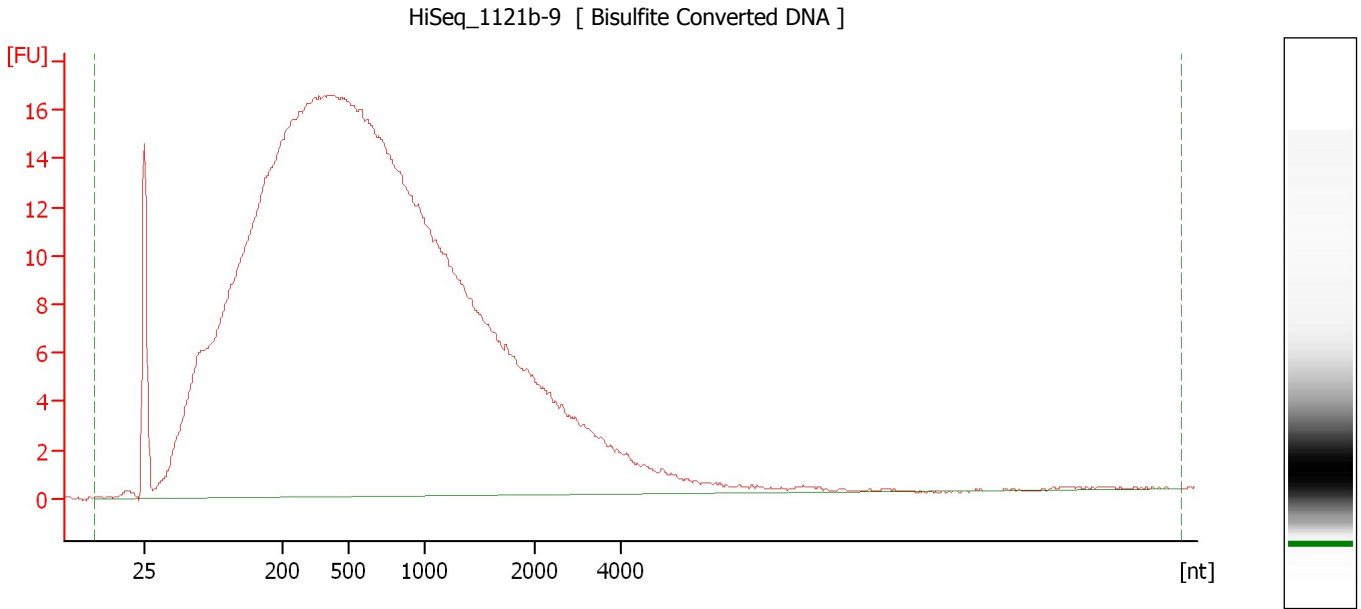
Overall Results for sample 8 : HiSeq_1121b-8

RNA Area: 793.5 rRNA Contamination: 0.0 %
RNA Concentration: 9,322 pg/μl

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-10-20\2017-10-20_001.xad

Created: 10/20/2017 10:01:18 AM
Modified: 10/20/2017 10:27:12 AM

Electropherogram Summary Continued ...



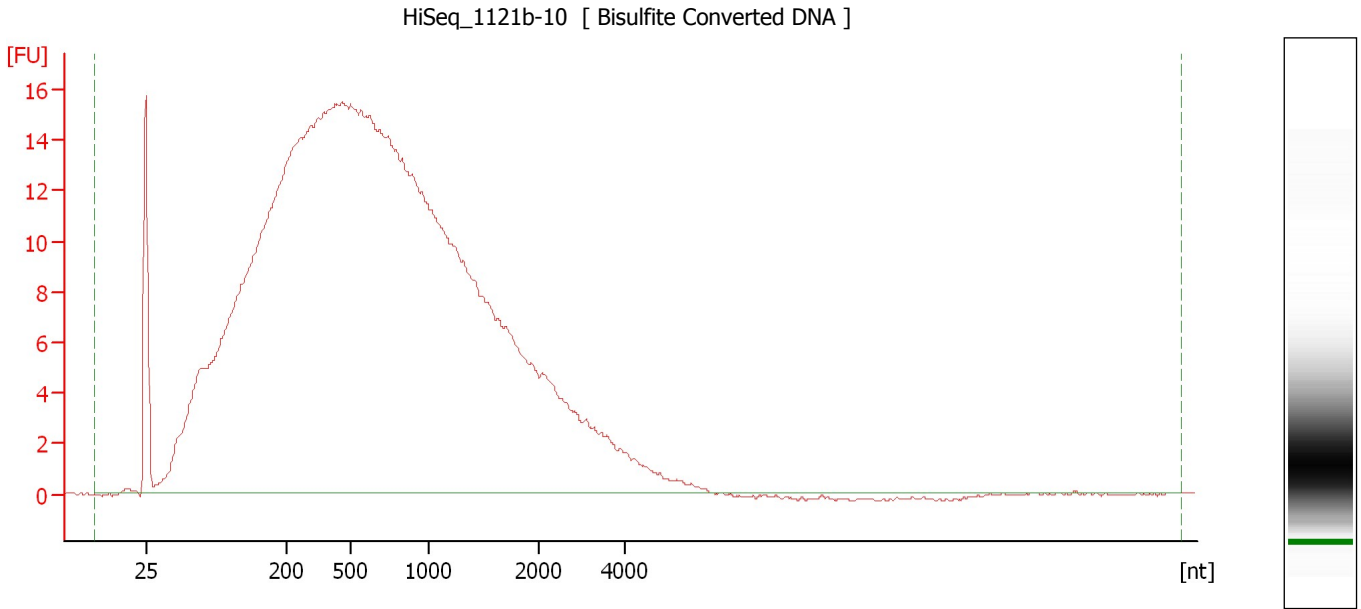
Overall Results for sample 9 : HiSeq_1121b-9

RNA Area: 841.1 rRNA Contamination: 0.0 %
RNA Concentration: 9,881 pg/μl

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-10-20\2017-10-20_001.xad

Created: 10/20/2017 10:01:18 AM
Modified: 10/20/2017 10:27:12 AM

Electropherogram Summary Continued ...



Overall Results for sample 10 : HiSeq_1121b-10

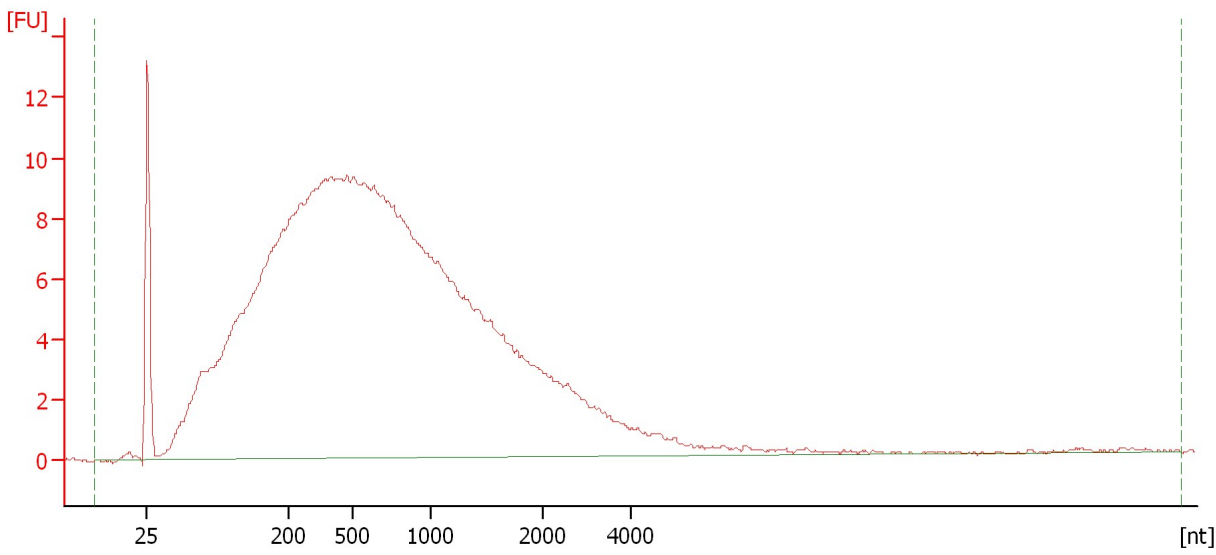
RNA Area: 779.9 rRNA Contamination: 0.0 %
RNA Concentration: 9,162 pg/μl

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-10-20\2017-10-20_001.xad

Created: 10/20/2017 10:01:18 AM
Modified: 10/20/2017 10:27:12 AM

Electropherogram Summary Continued ...

HiSeq_1121b-11 [Bisulfite Converted DNA]



Overall Results for sample 11 : HiSeq_1121b-11

RNA Area: 469.1 rRNA Contamination: 0.0 %
RNA Concentration: 5,511 pg/μl

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-10-20\2017-10-20_001.xad

Created: 10/20/2017 10:01:18 AM
Modified: 10/20/2017 10:27:12 AM

Gel Image

