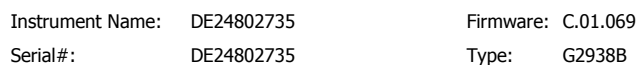


Created: 2/20/2015 1:38:55 PM
Modified: 2/20/2015 2:04:37 PM

Instrument Information:



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: 2.5

Assay Comments: mRNA Analysis pg sensitivity

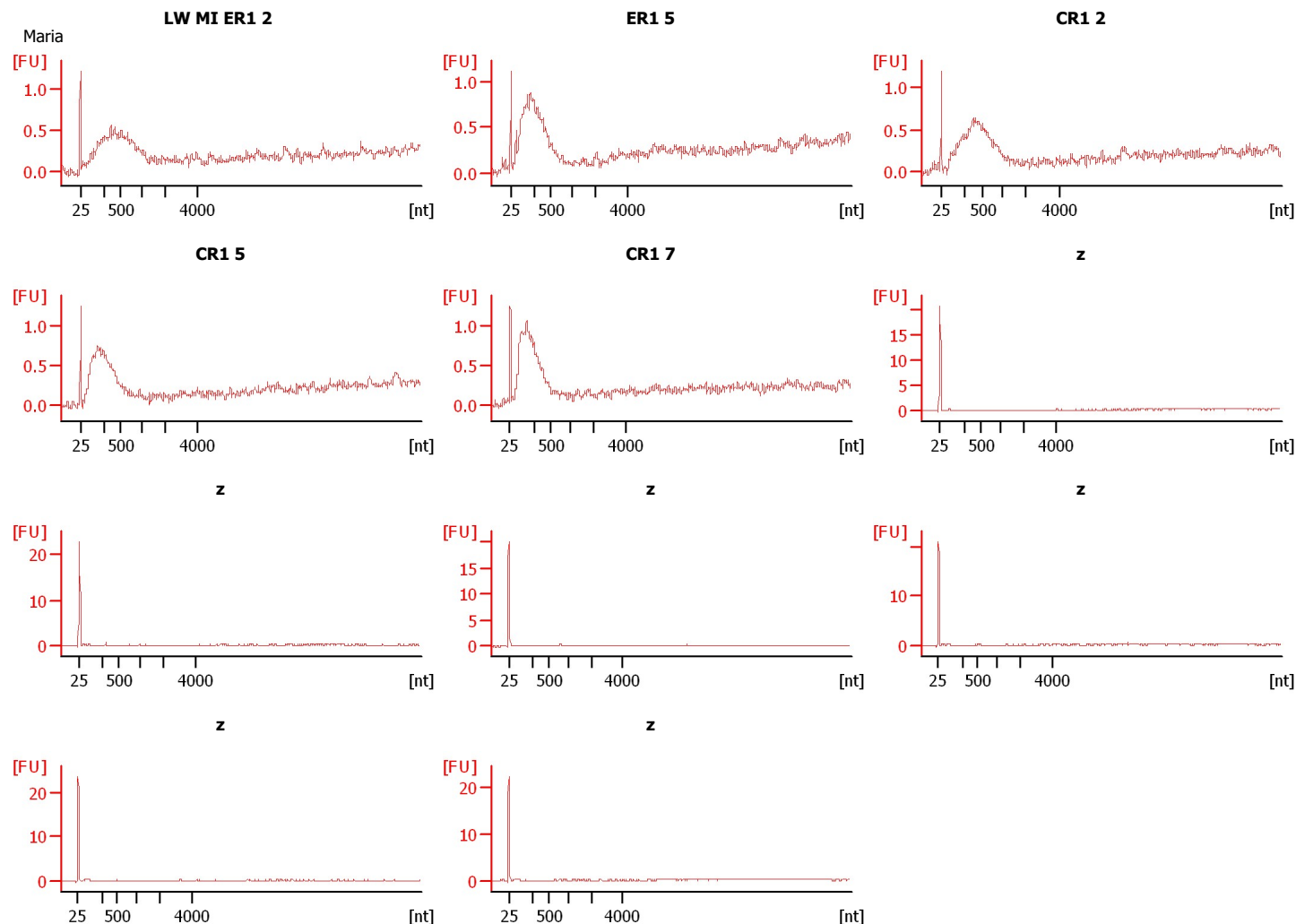
© Copyright 2003 - 2009 Agilent Technologies, Inc.

Chip Information:

Chip Lot #:

Reagent Kit Lot #:

Chip Comments:



Assay Class: mRNA Pico
Data Path: C:\...20\2100 expert_mRNA Pico_DE24802735_2015-02-20_13-38-55.xad

Created: 2/20/2015 1:38:55 PM
Modified: 2/20/2015 2:04:37 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
LW MI ER1 2	Maria	✓		
ER1 5		✓		
CR1 2		✓		
CR1 5		✓		
CR1 7		✓		
Z		✓		
Z		✓		
Z		✓		
Z		✓		
Z		✓		
Z		✓		

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

Assay Class: mRNA Pico
Data Path: C:\...20\2100 expert_mRNA Pico_DE24802735_2015-02-20_13-38-55.xad

Created: 2/20/2015 1:38:55 PM
Modified: 2/20/2015 2:04:37 PM

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

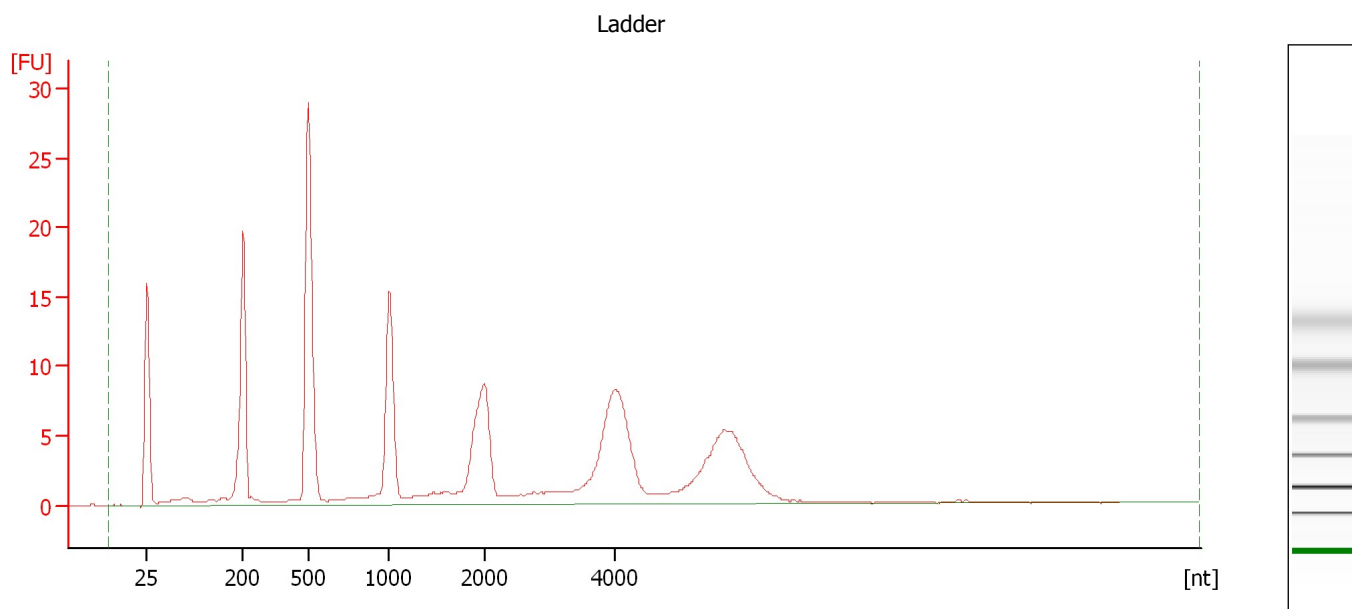
Ladder

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

Assay Class: mRNA Pico
Data Path: C:\...20\2100 expert_mRNA Pico_DE24802735_2015-02-20_13-38-55.xad

Created: 2/20/2015 1:38:55 PM
Modified: 2/20/2015 2:04:37 PM

Electropherogram Summary



Overall Results for Ladder

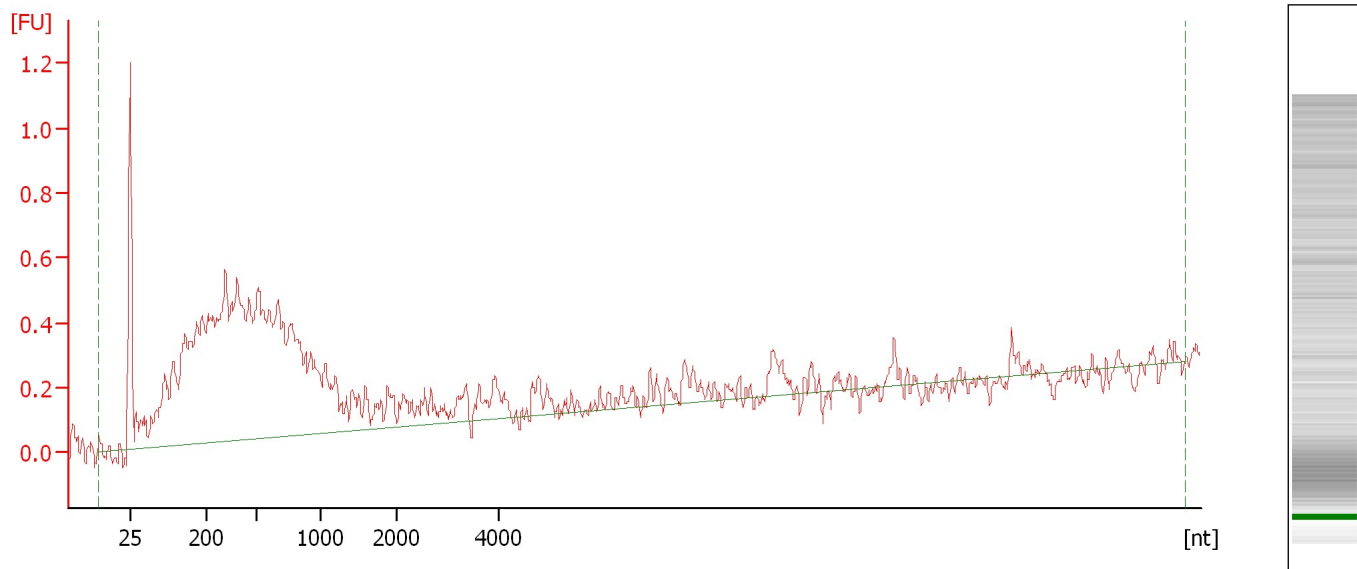
RNA Area: 212.2 RNA Concentration: 1,000 pg/μl

Assay Class: mRNA Pico
Data Path: C:\...20\2100 expert_mRNA Pico_DE24802735_2015-02-20_13-38-55.xad

Created: 2/20/2015 1:38:55 PM
Modified: 2/20/2015 2:04:37 PM

Electropherogram Summary Continued ...

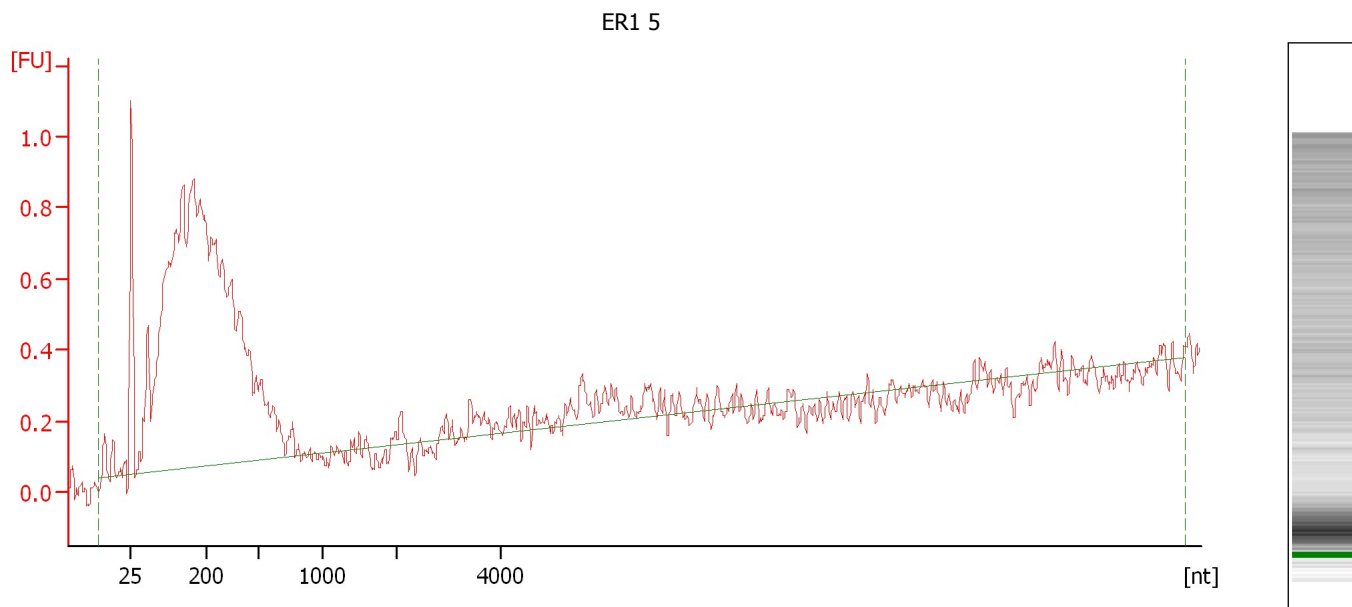
LW MI ER1 2 [Maria]

**Overall Results for sample 1 : LW MI ER1 2**

RNA Area: 18.2 rRNA Contamination: 0.0 %
RNA Concentration: 86 pg/μl

Assay Class: mRNA Pico
Data Path: C:\...20\2100 expert_mRNA Pico_DE24802735_2015-02-20_13-38-55.xad

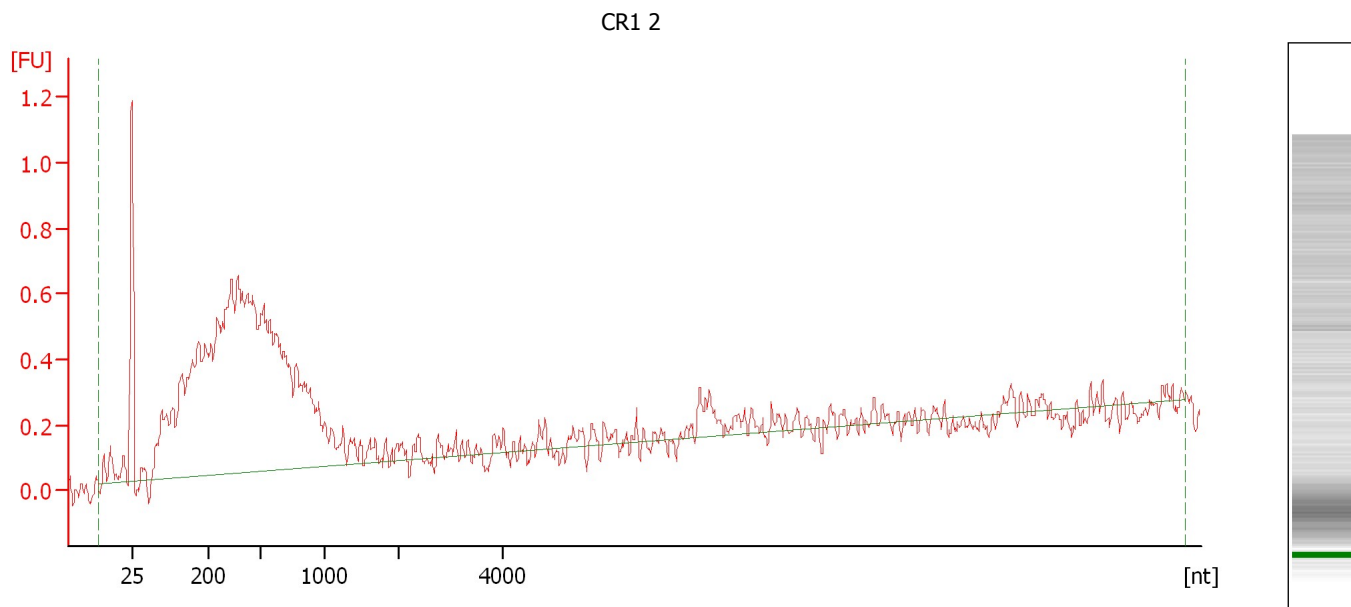
Created: 2/20/2015 1:38:55 PM
Modified: 2/20/2015 2:04:37 PM

Electropherogram Summary Continued ...**Overall Results for sample 2 : ER1 5**

RNA Area:	19.8	rRNA Contamination:	0.0 %
RNA Concentration:	93 pg/ μ l		

Assay Class: mRNA Pico
Data Path: C:\...20\2100 expert_mRNA Pico_DE24802735_2015-02-20_13-38-55.xad

Created: 2/20/2015 1:38:55 PM
Modified: 2/20/2015 2:04:37 PM

Electropherogram Summary Continued ...**Overall Results for sample 3 : CR1 2**

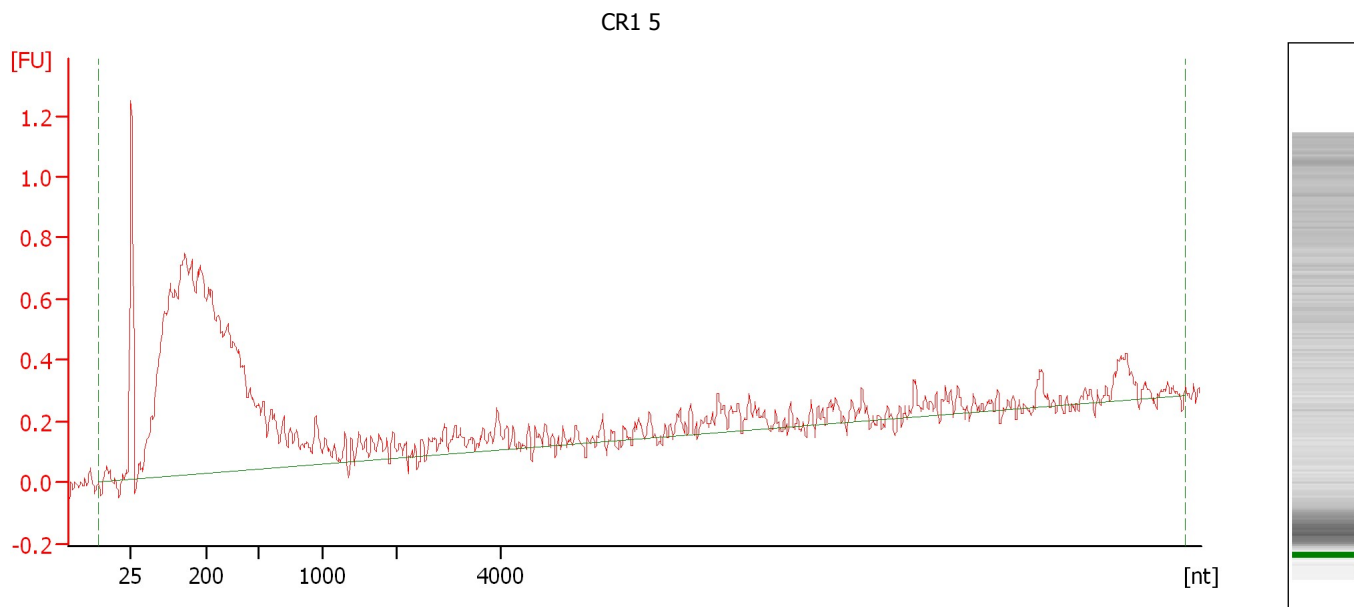
RNA Area: 18.1

rRNA Contamination: 0.0 %

RNA Concentration: 85 pg/ μ l

Assay Class: mRNA Pico
Data Path: C:\...20\2100 expert_mRNA Pico_DE24802735_2015-02-20_13-38-55.xad

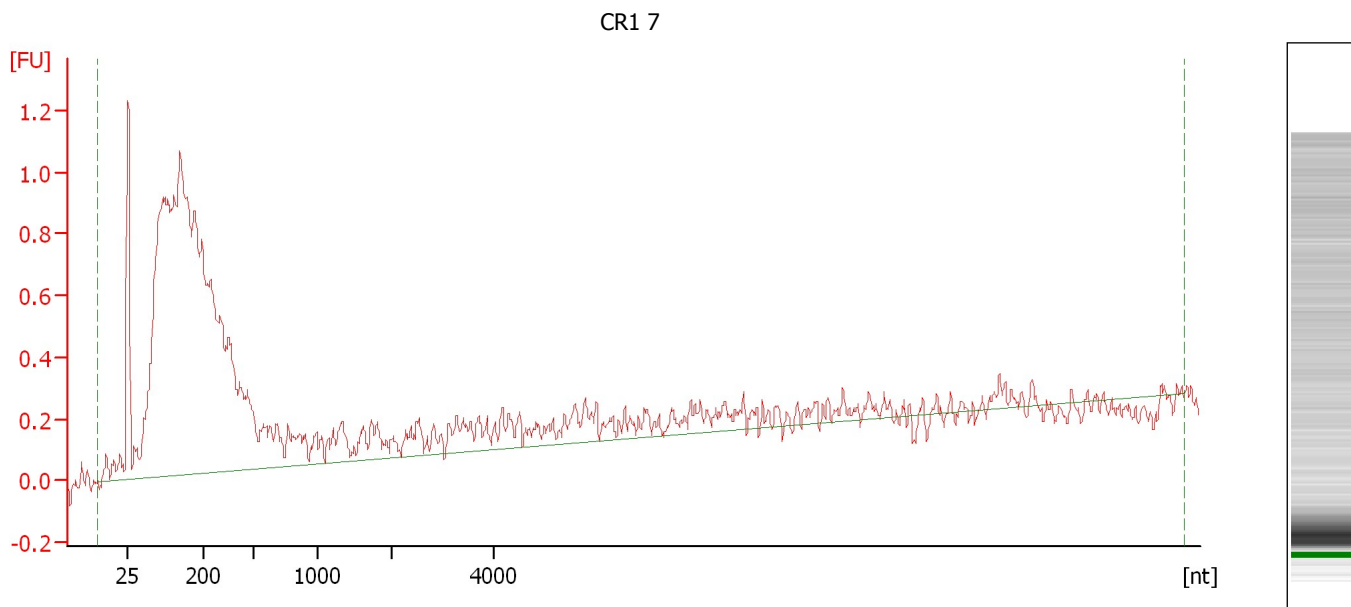
Created: 2/20/2015 1:38:55 PM
Modified: 2/20/2015 2:04:37 PM

Electropherogram Summary Continued ...**Overall Results for sample 4 : CR1 5**

RNA Area:	20.6	rRNA Contamination:	0.0 %
RNA Concentration:	97 pg/μl		

Assay Class: mRNA Pico
Data Path: C:\...20\2100 expert_mRNA Pico_DE24802735_2015-02-20_13-38-55.xad

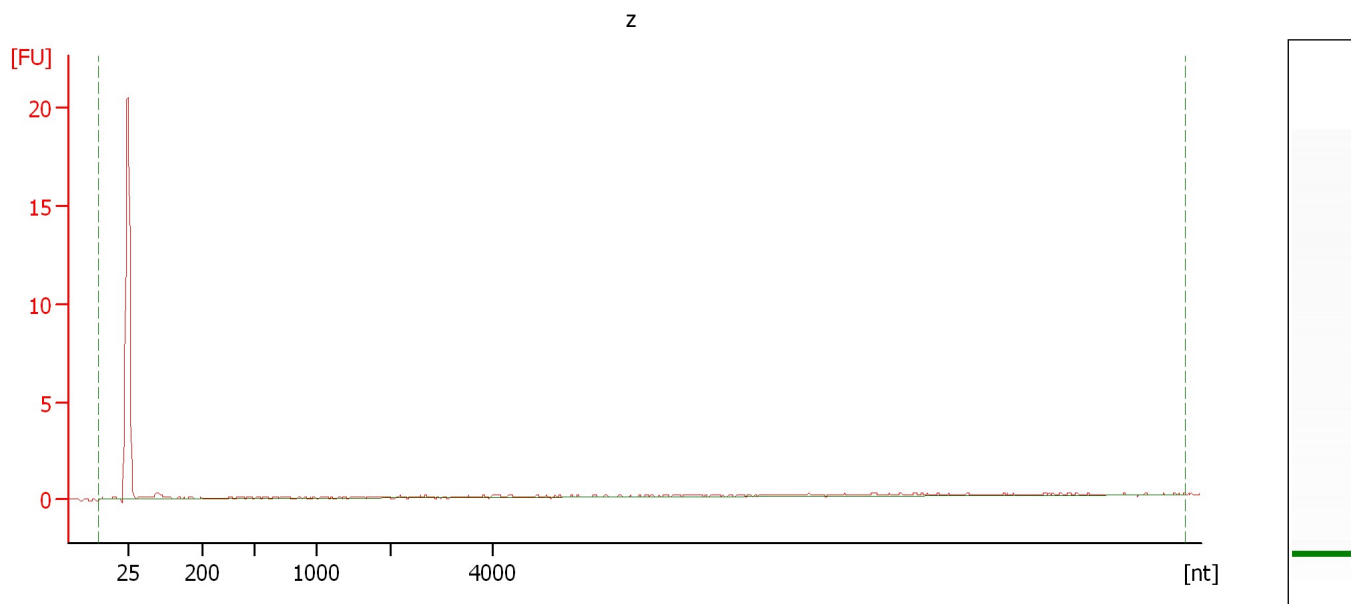
Created: 2/20/2015 1:38:55 PM
Modified: 2/20/2015 2:04:37 PM

Electropherogram Summary Continued ...**Overall Results for sample 5 : CR1 7**

RNA Area:	26.0	rRNA Contamination:	0.0 %
RNA Concentration:	122 pg/μl		

Assay Class: mRNA Pico
Data Path: C:\...20\2100 expert_mRNA Pico_DE24802735_2015-02-20_13-38-55.xad

Created: 2/20/2015 1:38:55 PM
Modified: 2/20/2015 2:04:37 PM

Electropherogram Summary Continued ...**Overall Results for sample 6 : z**

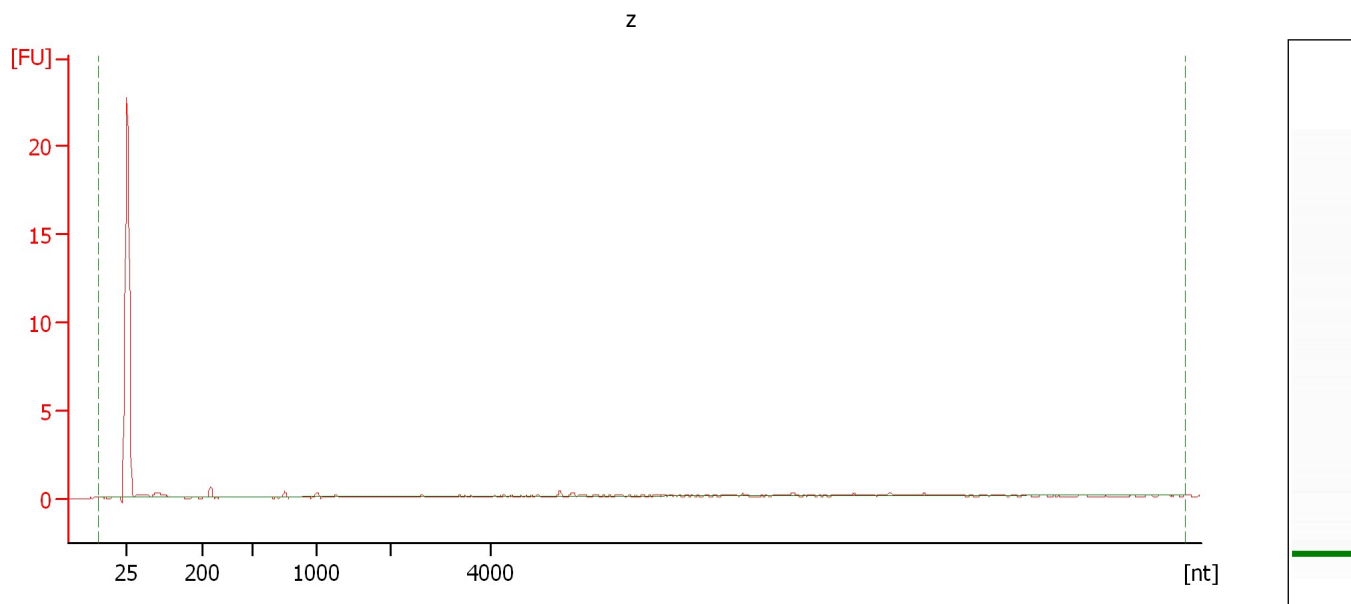
RNA Area: 8.4

rRNA Contamination: 0.0 %

RNA Concentration: 39 pg/ μ l

Assay Class: mRNA Pico
Data Path: C:\...20\2100 expert_mRNA Pico_DE24802735_2015-02-20_13-38-55.xad

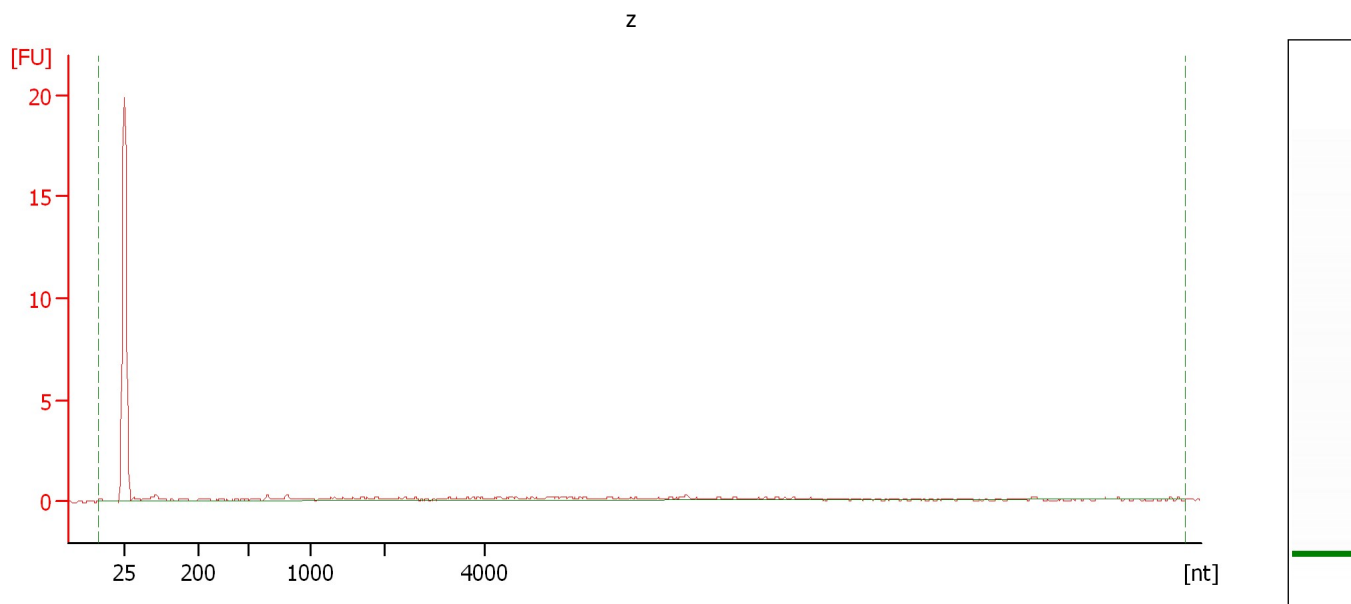
Created: 2/20/2015 1:38:55 PM
Modified: 2/20/2015 2:04:37 PM

Electropherogram Summary Continued ...**Overall Results for sample 7 : z**

RNA Area:	8.2	rRNA Contamination:	0.0 %
RNA Concentration:	38 pg/μl		

Assay Class: mRNA Pico
Data Path: C:\...20\2100 expert_mRNA Pico_DE24802735_2015-02-20_13-38-55.xad

Created: 2/20/2015 1:38:55 PM
Modified: 2/20/2015 2:04:37 PM

Electropherogram Summary Continued ...**Overall Results for sample 8 : z**

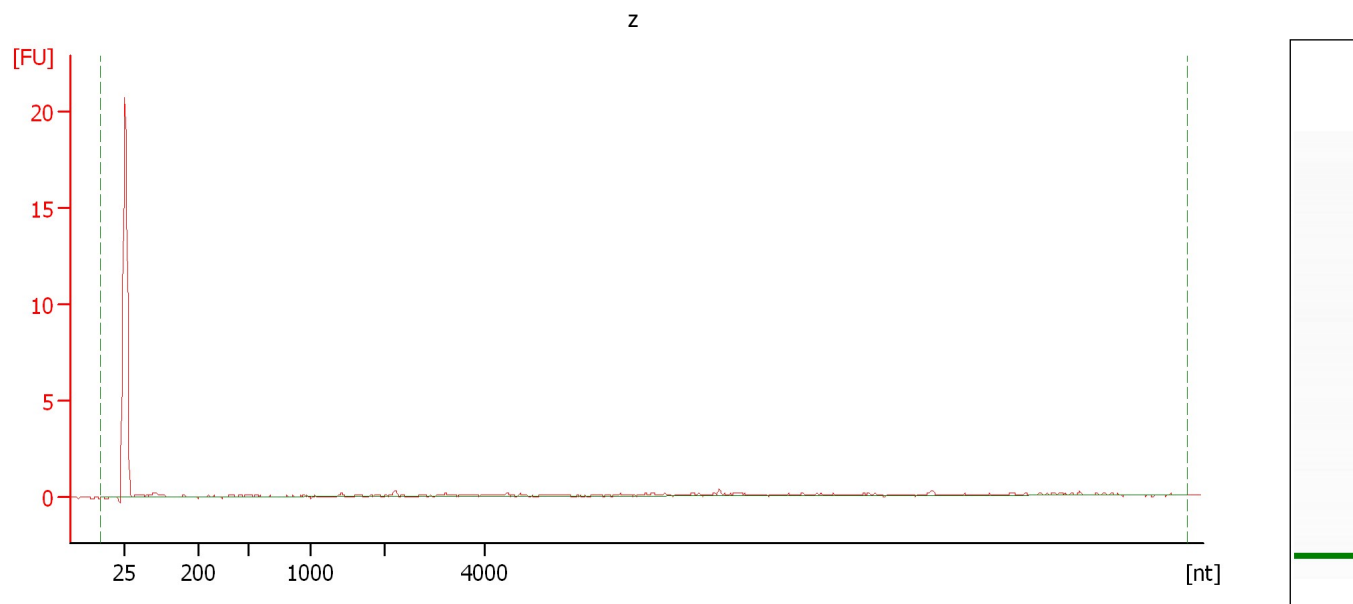
RNA Area: 11.7

rRNA Contamination: 0.0 %

RNA Concentration: 55 pg/μl

Assay Class: mRNA Pico
Data Path: C:\...20\2100 expert_mRNA Pico_DE24802735_2015-02-20_13-38-55.xad

Created: 2/20/2015 1:38:55 PM
Modified: 2/20/2015 2:04:37 PM

Electropherogram Summary Continued ...**Overall Results for sample 9 : z**

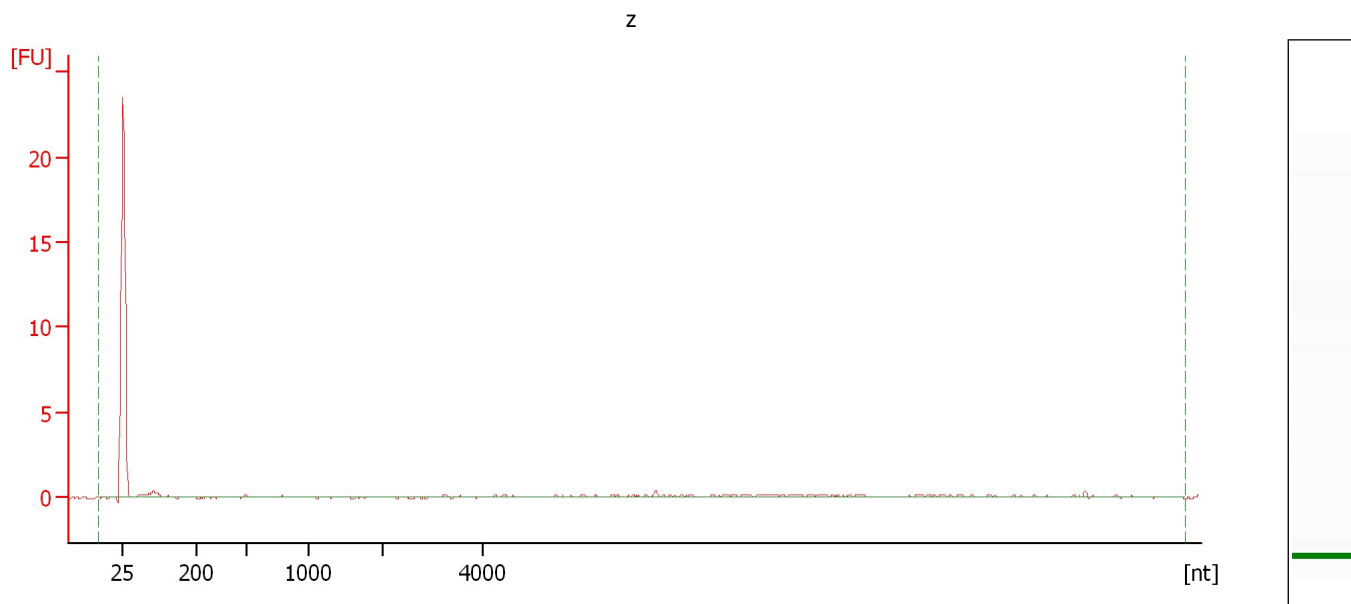
RNA Area: 10.7

rRNA Contamination: 0.0 %

RNA Concentration: 51 pg/μl

Assay Class: mRNA Pico
Data Path: C:\...20\2100 expert_mRNA Pico_DE24802735_2015-02-20_13-38-55.xad

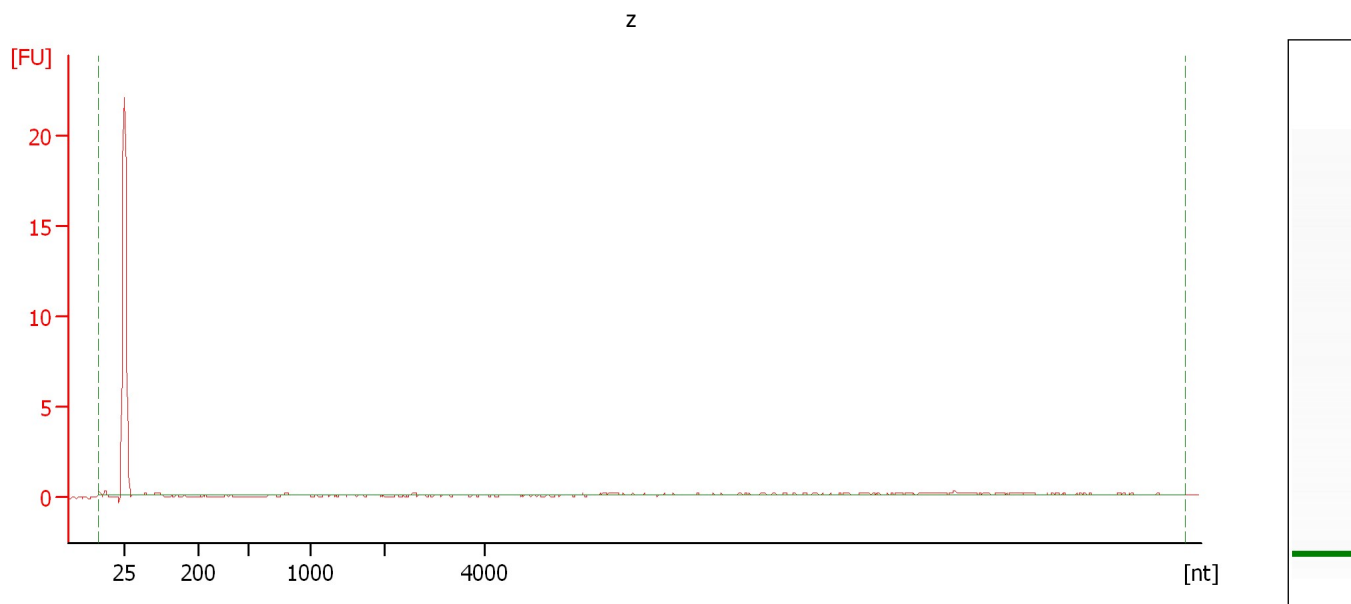
Created: 2/20/2015 1:38:55 PM
Modified: 2/20/2015 2:04:37 PM

Electropherogram Summary Continued ...**Overall Results for sample 10 : z**

RNA Area:	12.2	rRNA Contamination:	0.0 %
RNA Concentration:	57 pg/ μ l		

Assay Class: mRNA Pico
Data Path: C:\...20\2100 expert_mRNA Pico_DE24802735_2015-02-20_13-38-55.xad

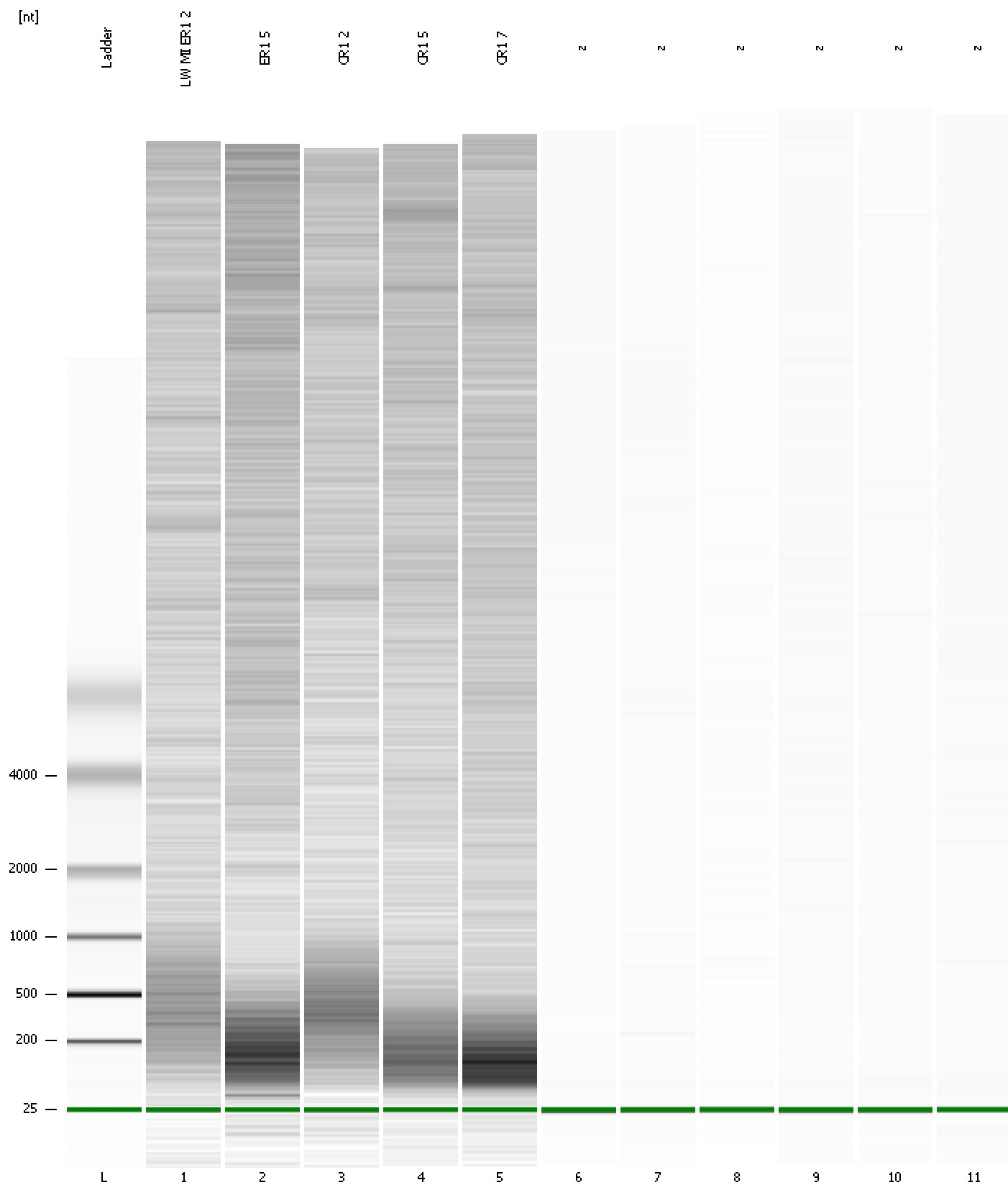
Created: 2/20/2015 1:38:55 PM
Modified: 2/20/2015 2:04:37 PM

Electropherogram Summary Continued ...**Overall Results for sample 11 : z**

RNA Area:	4.2	rRNA Contamination:	0.0 %
RNA Concentration:	20 pg/μl		

Assay Class: mRNA Pico
Data Path: C:\...20\2100 expert_mRNA Pico_DE24802735_2015-02-20_13-38-55.xad

Created: 2/20/2015 1:38:55 PM
Modified: 2/20/2015 2:04:37 PM

Gel Image

Assay Class: mRNA Pico
Data Path: C:\...20\2100 expert_mRNA Pico_DE24802735_2015-02-20_13-38-55.xad

Created: 2/20/2015 1:38:55 PM
Modified: 2/20/2015 2:04:37 PM

Curves

Standard Curve

