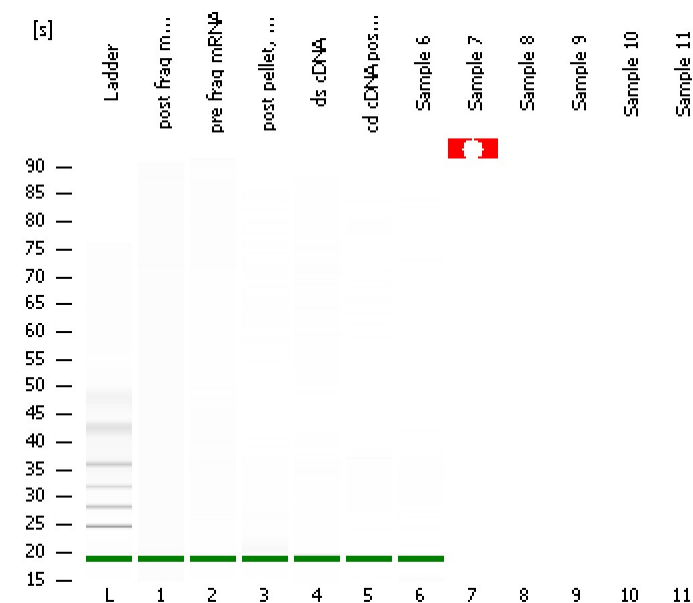


Assay Class: mRNA Pico
Data Path: C:\...22\2100 expert_mRNA Pico_DE34903500_2009-06-22_11-45-01.xad

Created: 6/22/2009 11:45:01 AM
Modified: 6/22/2009 12:02:55 PM

Electrophoresis File Run Summary



Instrument Information:

Instrument Name: DE34903500 Firmware: C.01.055
Serial#: DE34903500 Type: G2938C

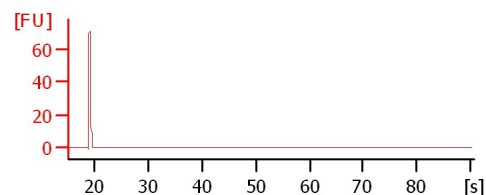
Assay Information:

Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\mRNA Pico Series II.xsy
Title: mRNA Pico Series II
Version: 2.4
Assay Comments: Copyright © 2003-2006 Agilent Technologies

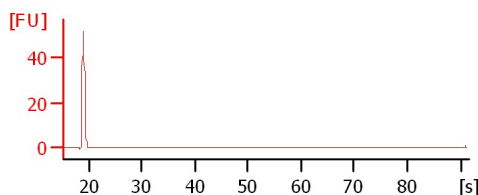
Chip Information:

Chip Lot:
Reagent Kit Lot:
Chip Comments:

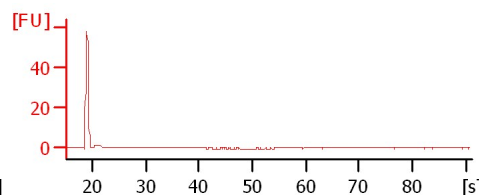
post frag mRNA



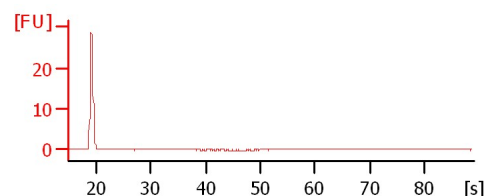
pre frag mRNA



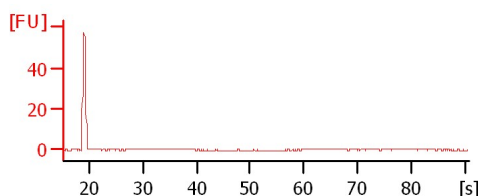
post pellet, pre FS mRNA



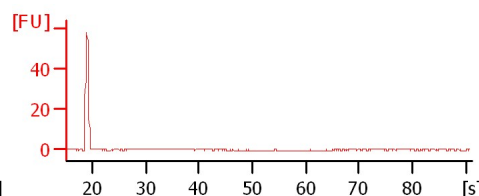
ds cDNA



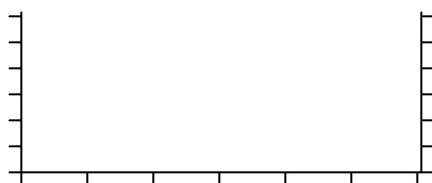
cd cDNA post QQ col



Sample 6



Sample 7



Assay Class: mRNA Pico
Data Path: C:\...22\2100 expert_mRNA Pico_DE34903500_2009-06-22_11-45-01.xad

Created: 6/22/2009 11:45:01 AM
Modified: 6/22/2009 12:02:55 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Observation	Result Label	Result Color
post frag mRNA		✓			
pre frag mRNA		✓			
post pellet, pre FS mRNA		✓			
ds cDNA		✓			
cd cDNA post QQ col		✓			
Sample 6		✓			
Sample 7		✗			
Sample 8		✗			
Sample 9		✗			
Sample 10		✗			
Sample 11		✗			

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

Assay Class: mRNA Pico
Data Path: C:\...22\2100 expert_mRNA Pico_DE34903500_2009-06-22_11-45-01.xad

Created: 6/22/2009 11:45:01 AM
Modified: 6/22/2009 12:02:55 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] : 1

Baseline Plateau [s] : 0.5

Filter Settings

Filter width [s] : 0.5

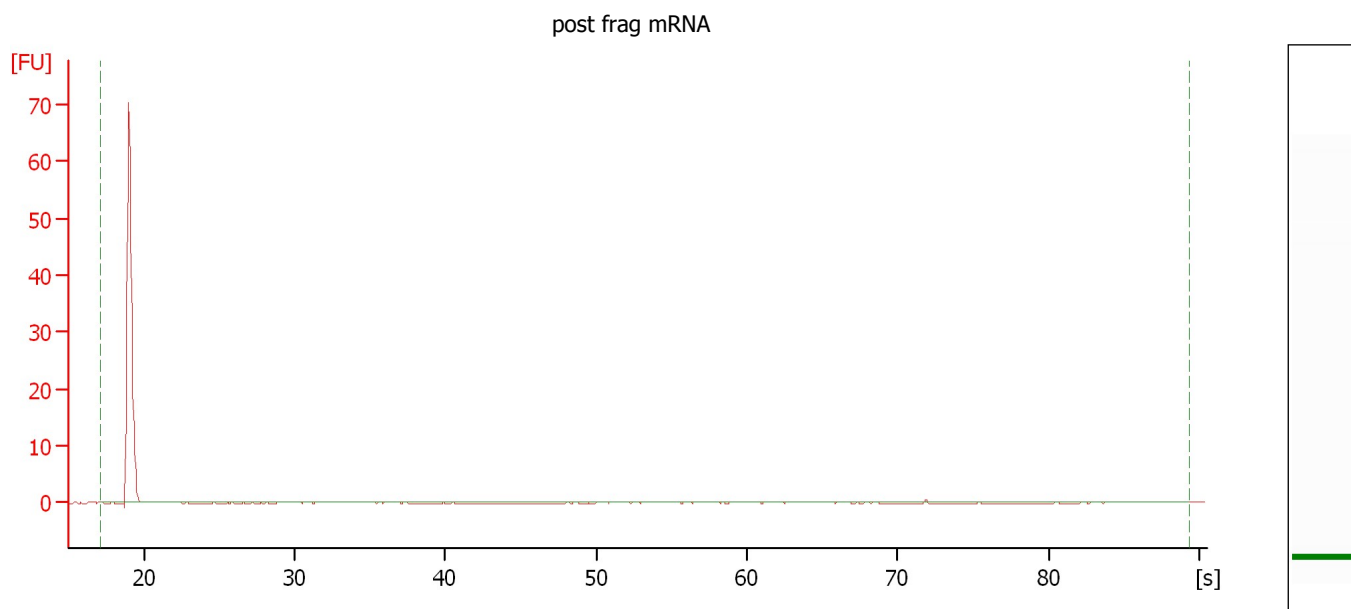
Polynomial order : 4

Ladder

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

Assay Class: mRNA Pico
Data Path: C:\...22\2100 expert_mRNA Pico_DE34903500_2009-06-22_11-45-01.xad

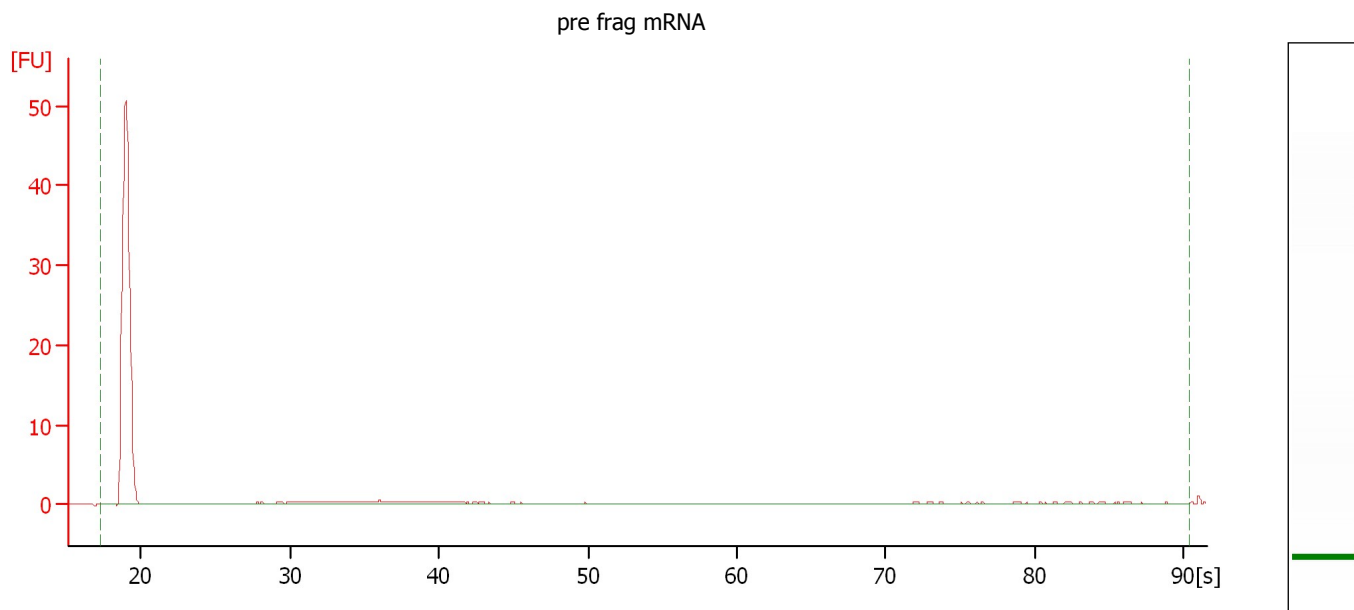
Created: 6/22/2009 11:45:01 AM
Modified: 6/22/2009 12:02:55 PM

Electropherogram Summary**Overall Results for sample 1 : post frag mRNA**

RNA Area: 2.2 rRNA Contamination: 0.0 %
RNA Concentration: 16 pg/μl

Assay Class: mRNA Pico
Data Path: C:\...22\2100 expert_mRNA Pico_DE34903500_2009-06-22_11-45-01.xad

Created: 6/22/2009 11:45:01 AM
Modified: 6/22/2009 12:02:55 PM

Electropherogram Summary Continued ...**Overall Results for sample 2 : pre frag mRNA**

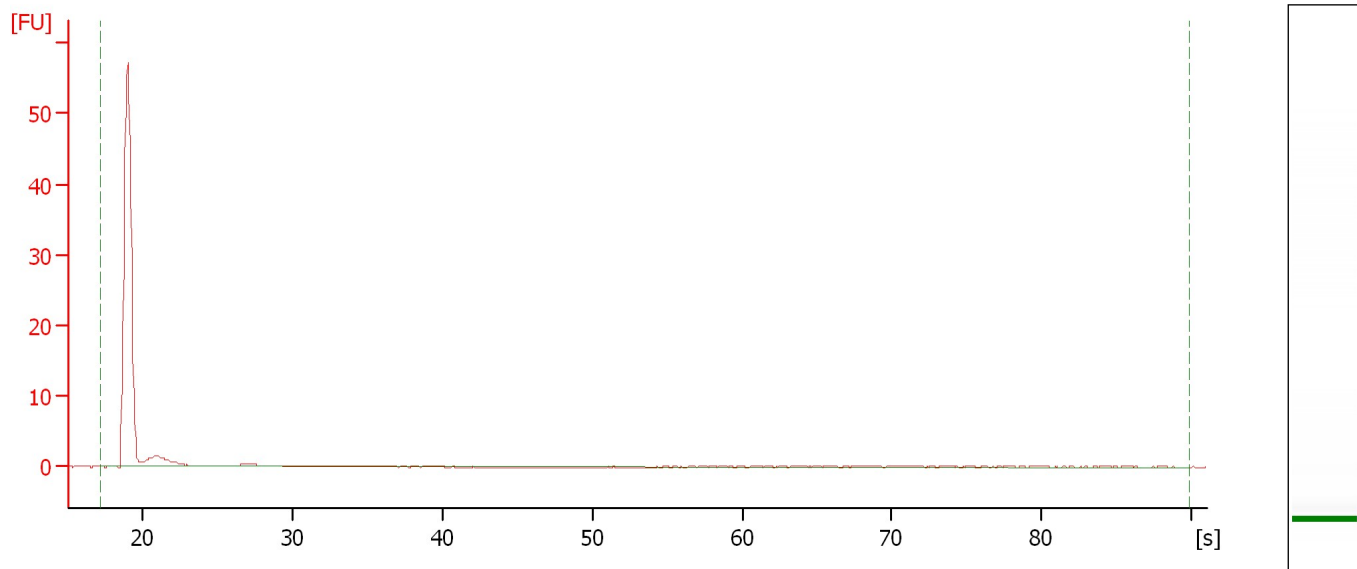
RNA Area:	18.1	rRNA Contamination:	0.0 %
RNA Concentration:	128 pg/ μ l		

Assay Class: mRNA Pico
Data Path: C:\...22\2100 expert_mRNA Pico_DE34903500_2009-06-22_11-45-01.xad

Created: 6/22/2009 11:45:01 AM
Modified: 6/22/2009 12:02:55 PM

Electropherogram Summary Continued ...

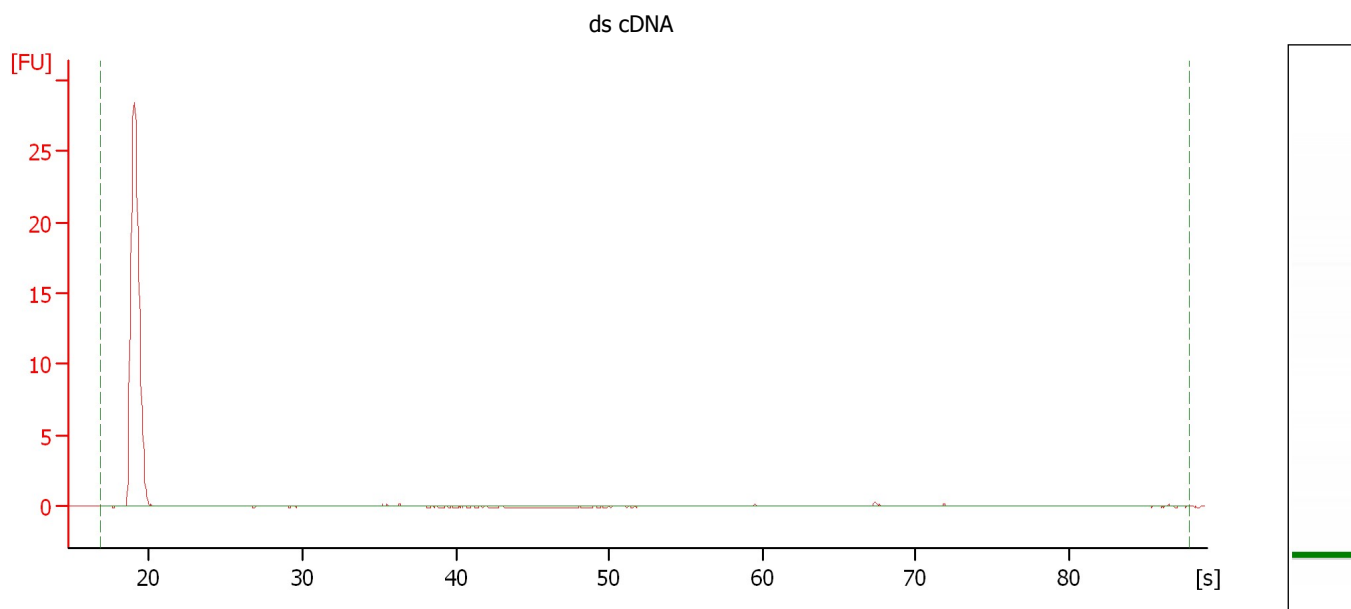
post pellet, pre FS mRNA

**Overall Results for sample 3 : post pellet, pre FS mRNA**

RNA Area: 22.2 rRNA Contamination: 0.0 %
RNA Concentration: 157 pg/μl

Assay Class: mRNA Pico
Data Path: C:\...22\2100 expert_mRNA Pico_DE34903500_2009-06-22_11-45-01.xad

Created: 6/22/2009 11:45:01 AM
Modified: 6/22/2009 12:02:55 PM

Electropherogram Summary Continued ...**Overall Results for sample 4 : ds cDNA**

RNA Area: 3.1
RNA Concentration: 22 pg/ μ l

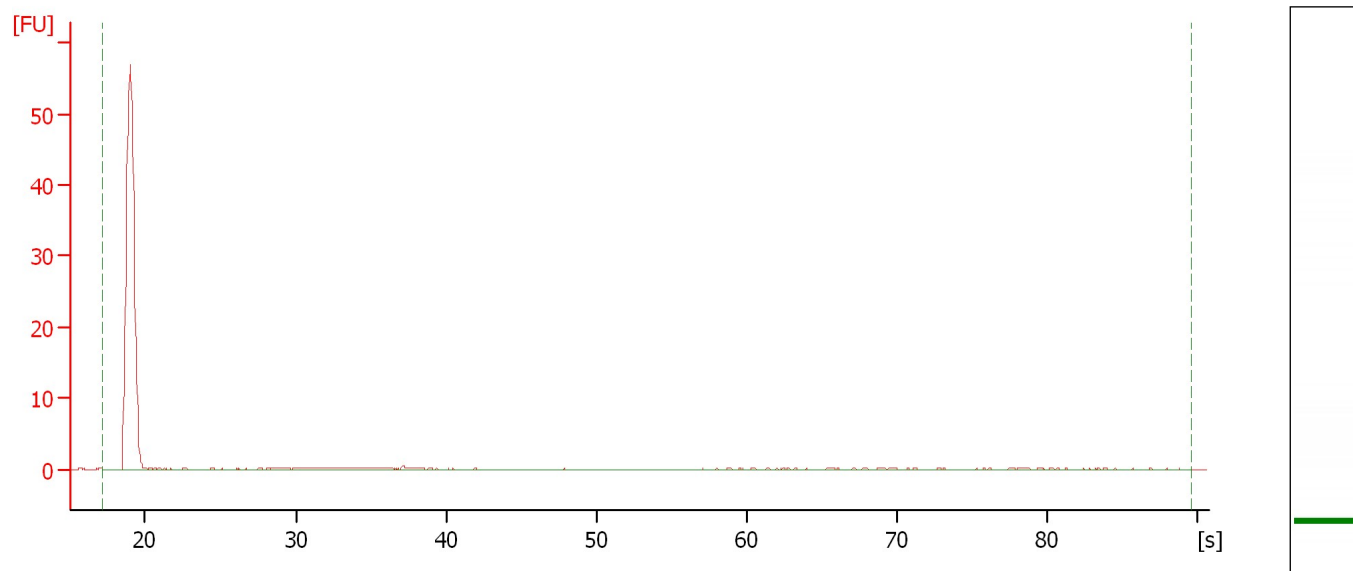
rRNA Contamination: 0.0 %

Assay Class: mRNA Pico
Data Path: C:\...22\2100 expert_mRNA Pico_DE34903500_2009-06-22_11-45-01.xad

Created: 6/22/2009 11:45:01 AM
Modified: 6/22/2009 12:02:55 PM

Electropherogram Summary Continued ...

cd cDNA post QQ col

**Overall Results for sample 5 : cd cDNA post QQ col**

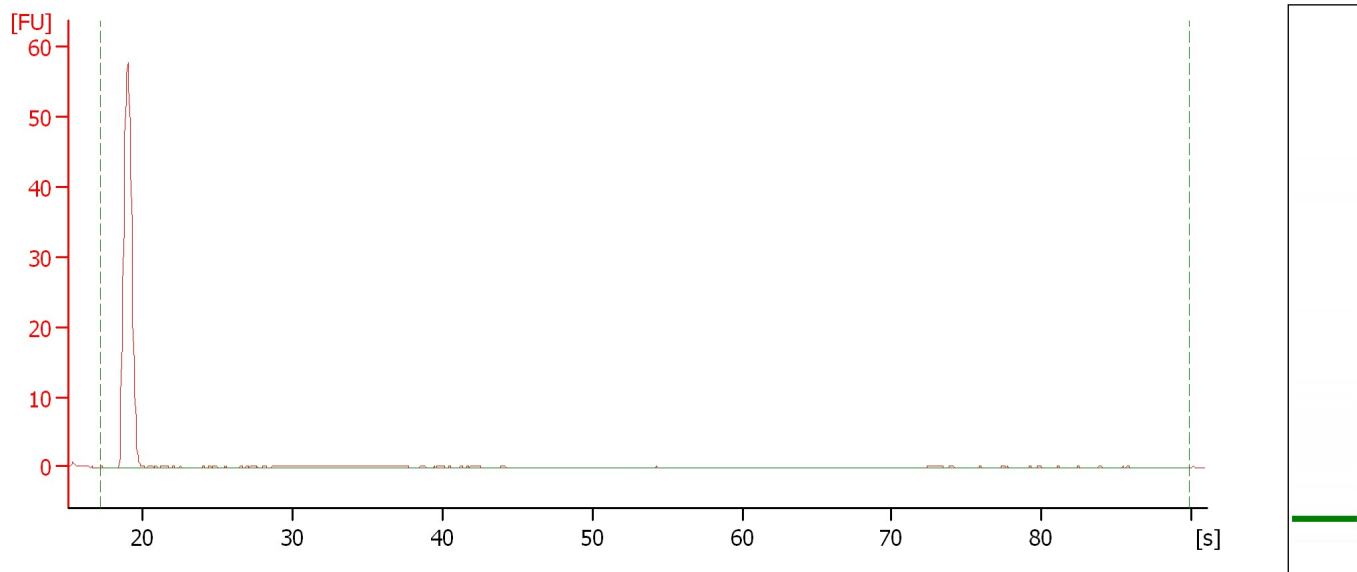
RNA Area: 6.3 rRNA Contamination: 0.0 %
RNA Concentration: 45 pg/ μ l

Assay Class: mRNA Pico
Data Path: C:\...22\2100 expert_mRNA Pico_DE34903500_2009-06-22_11-45-01.xad

Created: 6/22/2009 11:45:01 AM
Modified: 6/22/2009 12:02:55 PM

Electropherogram Summary Continued ...

Sample 6

**Overall Results for sample 6 : Sample 6**

RNA Area: 4.8 rRNA Contamination: 0.0 %
RNA Concentration: 34 pg/μl

Assay Class: mRNA Pico
Data Path: C:\...22\2100 expert_mRNA Pico_DE34903500_2009-06-22_11-45-01.xad

Created: 6/22/2009 11:45:01 AM
Modified: 6/22/2009 12:02:55 PM

Electropherogram Summary Continued ...

Sample 7

Viewport

**Overall Results for sample 7 : Sample 7**

RNA Area: 0.0

rRNA Contamination: 0.0 %

RNA Concentration: 0 pg/μl

Assay Class: mRNA Pico
Data Path: C:\...22\2100 expert_mRNA Pico_DE34903500_2009-06-22_11-45-01.xad

Created: 6/22/2009 11:45:01 AM
Modified: 6/22/2009 12:02:55 PM

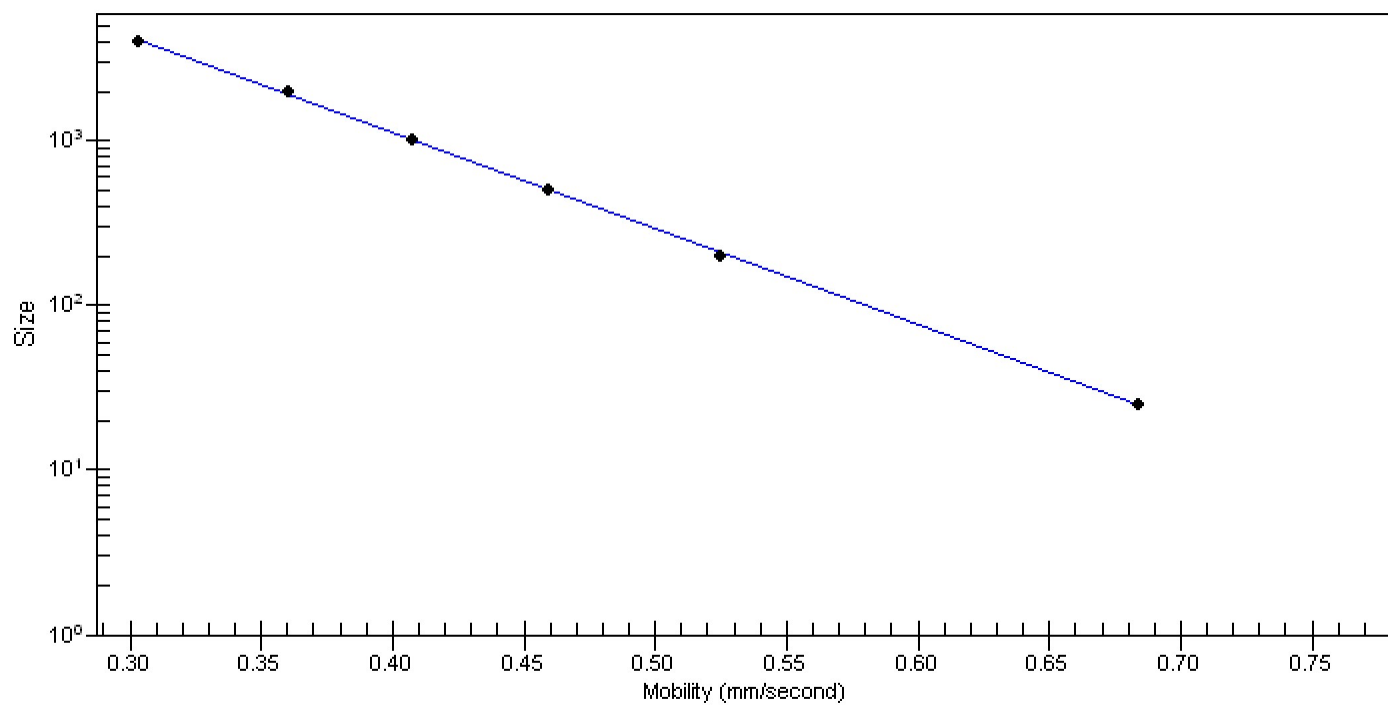
Gel Image

Assay Class: mRNA Pico
Data Path: C:\...22\2100 expert_mRNA Pico_DE34903500_2009-06-22_11-45-01.xad

Created: 6/22/2009 11:45:01 AM
Modified: 6/22/2009 12:02:55 PM

Curves

Standard Curve



Assay Class: mRNA Pico
 Data Path: C:\...22\2100 expert_mRNA Pico_DE34903500_2009-06-22_11-45-01.xad

Created: 6/22/2009 11:45:01 AM
 Modified: 6/22/2009 12:02:55 PM

Run Logbook

Description	Number	Source	Category	Sub Category	Time Stamp	User	Host
Run aborted on port 2		Instrument	Run		6/22/2009 12:02:51 PM	ncrawford	OEB
Instrument Error occurred on port 2, Run aborted	1537	Instrument	Run	Sample 7	6/22/2009 12:02:48 PM	ncrawford	OEB
Run Started on port 2 (File: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\Data\2009-06-22\2100 expert_mRNA Pico_DE34903500_2009-06-22_11-45-01.xad)		Instrument	Run		6/22/2009 11:45:07 AM	ncrawford	OEB
Product Number : G2938C		Instrument	Run		6/22/2009 11:45:07 AM	ncrawford	OEB
Name :		Instrument	Run		6/22/2009 11:45:07 AM	ncrawford	OEB
Vendor : Agilent Technologies		Instrument	Run		6/22/2009 11:45:07 AM	ncrawford	OEB
Serial# : DE34903500		Instrument	Run		6/22/2009 11:45:07 AM	ncrawford	OEB
Firmware : C.01.055		Instrument	Run		6/22/2009 11:45:07 AM	ncrawford	OEB
Cartridge : Electrode		Instrument	Run		6/22/2009 11:45:07 AM	ncrawford	OEB