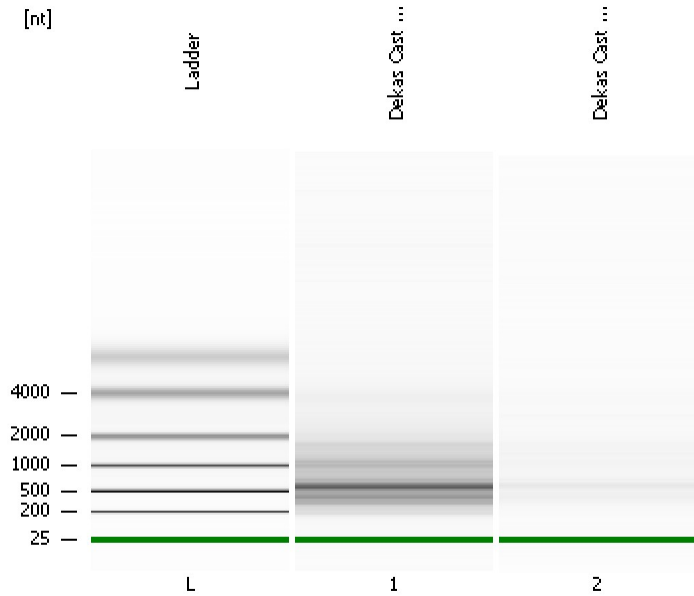


Assay Class: mRNA Pico
Data Path: C:\...er\2015-09-17\2015-09-17_001_Dekas_Cast_RiboDepletedRNA.xad

Created: 9/17/2015 1:07:20 PM
Modified: 9/17/2015 1:26:51 PM

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

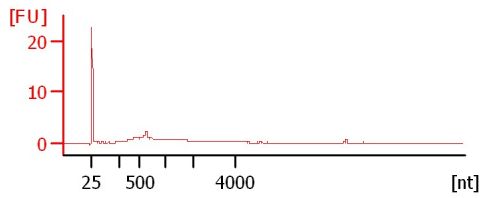
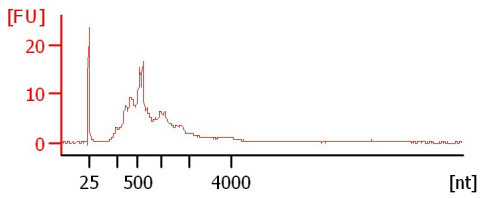
© Copyright 2003 - 2009 Agilent Technologies, Inc.

Chip Information:

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

Dekas Cast 1 Ribo depleted RNA

Dekas Cast 7 Ribo depleted RNA



Assay Class: mRNA Pico
Data Path: C:\...er\2015-09-17\2015-09-17_001_Dekas_Cast_RiboDepletedRNA.xad

Created: 9/17/2015 1:07:20 PM
Modified: 9/17/2015 1:26:51 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
Dekas Cast 1 Ribo depleted RNA		✓		
Dekas Cast 7 Ribo depleted RNA		✓		
Ladder		✓		

Chip Lot # **Reagent Kit Lot #**

Chip Comments :

Assay Class: mRNA Pico
Data Path: C:\...er\2015-09-17\2015-09-17_001_Dekas_Cast_RiboDepletedRNA.xad

Created: 9/17/2015 1:07:20 PM
Modified: 9/17/2015 1:26:51 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

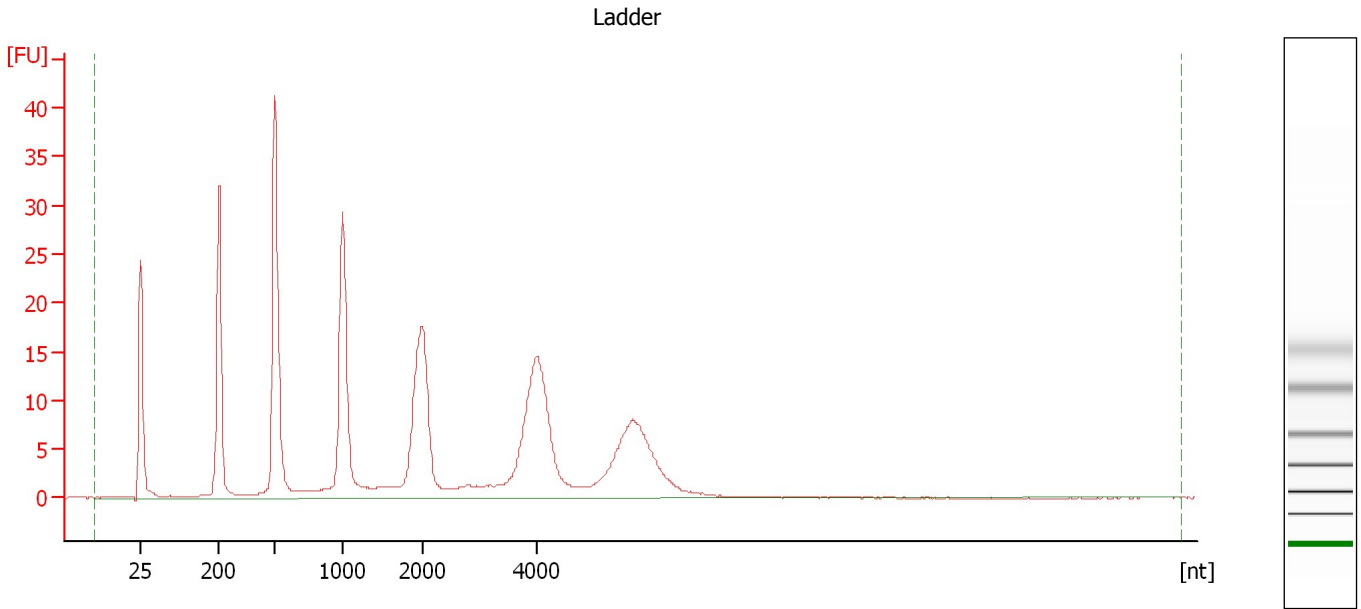
Ladder

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

Assay Class: mRNA Pico
Data Path: C:\...er\2015-09-17\2015-09-17_001_Dekas_Cast_RiboDepletedRNA.xad

Created: 9/17/2015 1:07:20 PM
Modified: 9/17/2015 1:26:51 PM

Electropherogram Summary



Overall Results for Ladder

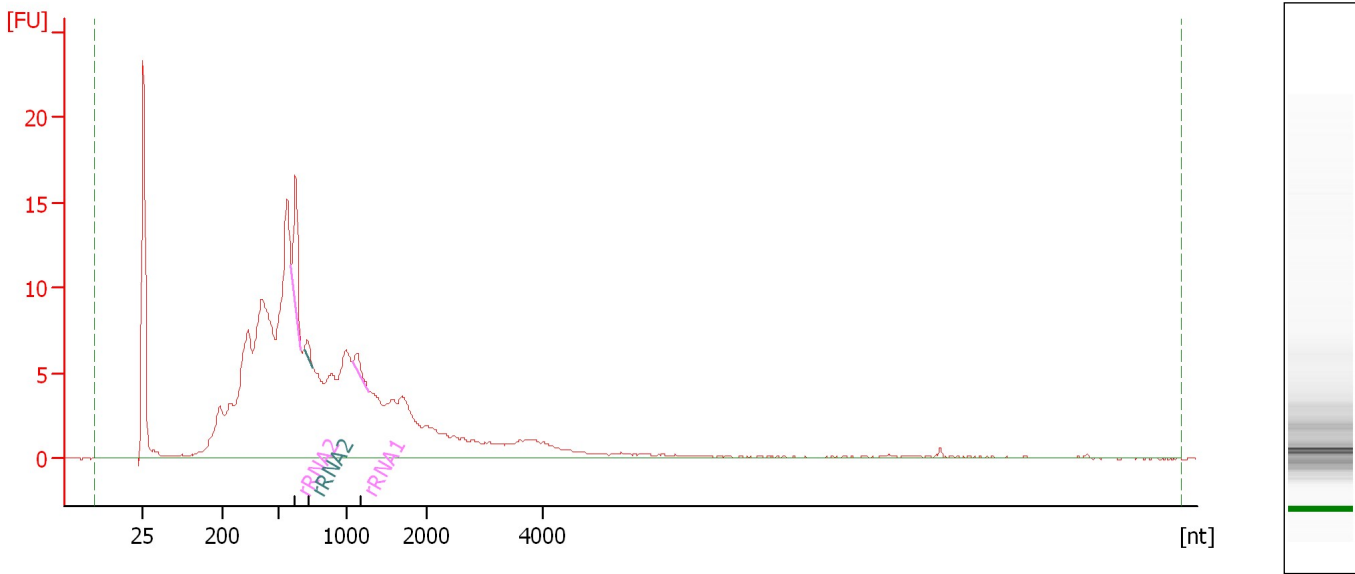
RNA Area: 362.9 RNA Concentration: 1,000 pg/μl

Assay Class: mRNA Pico
 Data Path: C:\...er\2015-09-17\2015-09-17_001_Dekas_Cast_RiboDepletedRNA.xad

Created: 9/17/2015 1:07:20 PM
 Modified: 9/17/2015 1:26:51 PM

Electropherogram Summary Continued ...

Dekas Cast 1 Ribo depleted RNA



Overall Results for sample 1 : Dekas Cast 1 Ribo depleted RNA

RNA Area: 290.3 rRNA Contamination: 3.4 %
 RNA Concentration: 800 pg/μl

Fragment table for sample 1 : Dekas Cast 1 Ribo depleted RNA

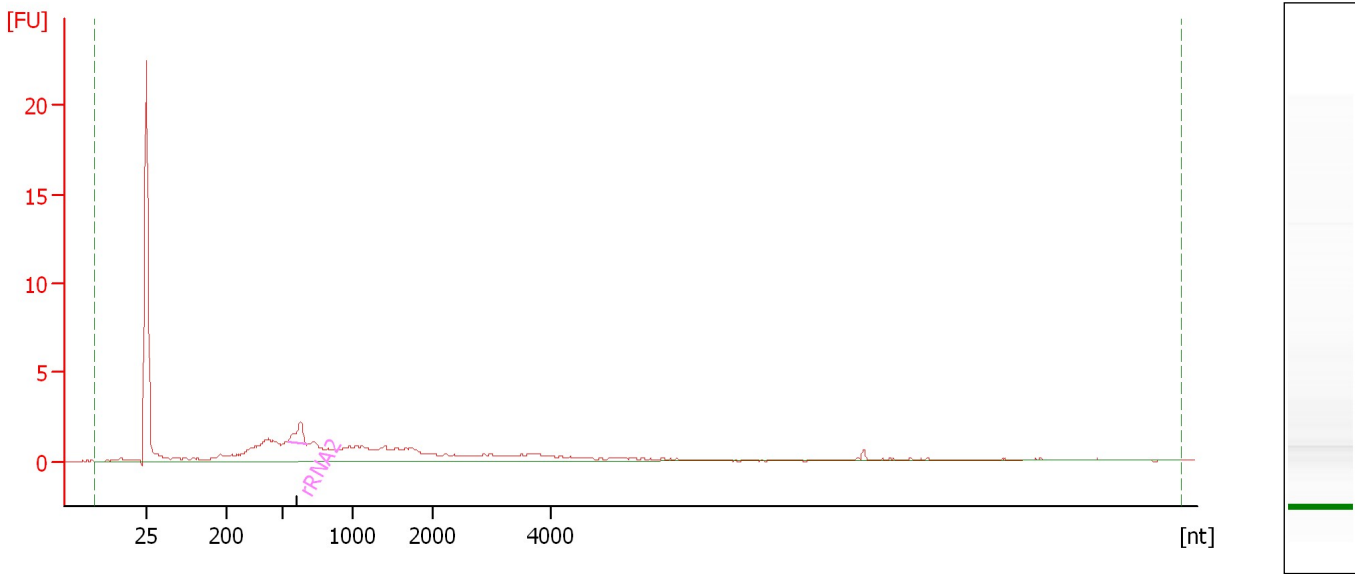
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
rRNA2	597	667	7.4	2.5
rRNA2	690	754	1.0	0.4
rRNA1	1,069	1,277	1.4	0.5

Assay Class: mRNA Pico
Data Path: C:\...er\2015-09-17\2015-09-17_001_Dekas_Cast_RiboDepletedRNA.xad

Created: 9/17/2015 1:07:20 PM
Modified: 9/17/2015 1:26:51 PM

Electropherogram Summary Continued ...

Dekas Cast 7 Ribo depleted RNA



Overall Results for sample 2 : Dekas Cast 7 Ribo depleted RNA

RNA Area: 47.3 rRNA Contamination: 4.8 %
RNA Concentration: 130 pg/μl

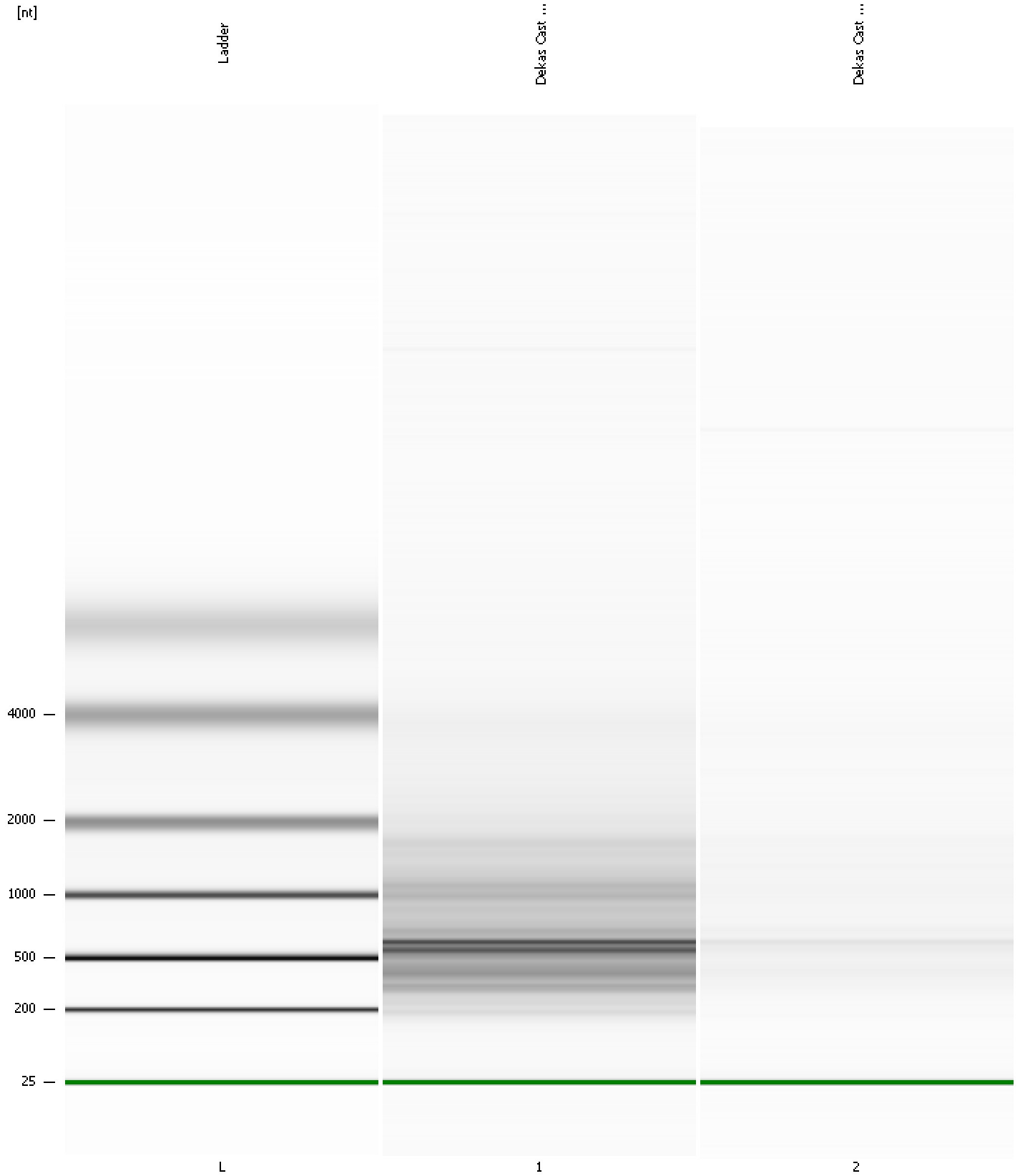
Fragment table for sample 2 : Dekas Cast 7 Ribo depleted RNA

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
rRNA2	533	666	2.3	4.8

Assay Class: mRNA Pico
Data Path: C:\...er\2015-09-17\2015-09-17_001_Dekas_Cast_RiboDepletedRNA.xad

Created: 9/17/2015 1:07:20 PM
Modified: 9/17/2015 1:26:51 PM

Gel Image

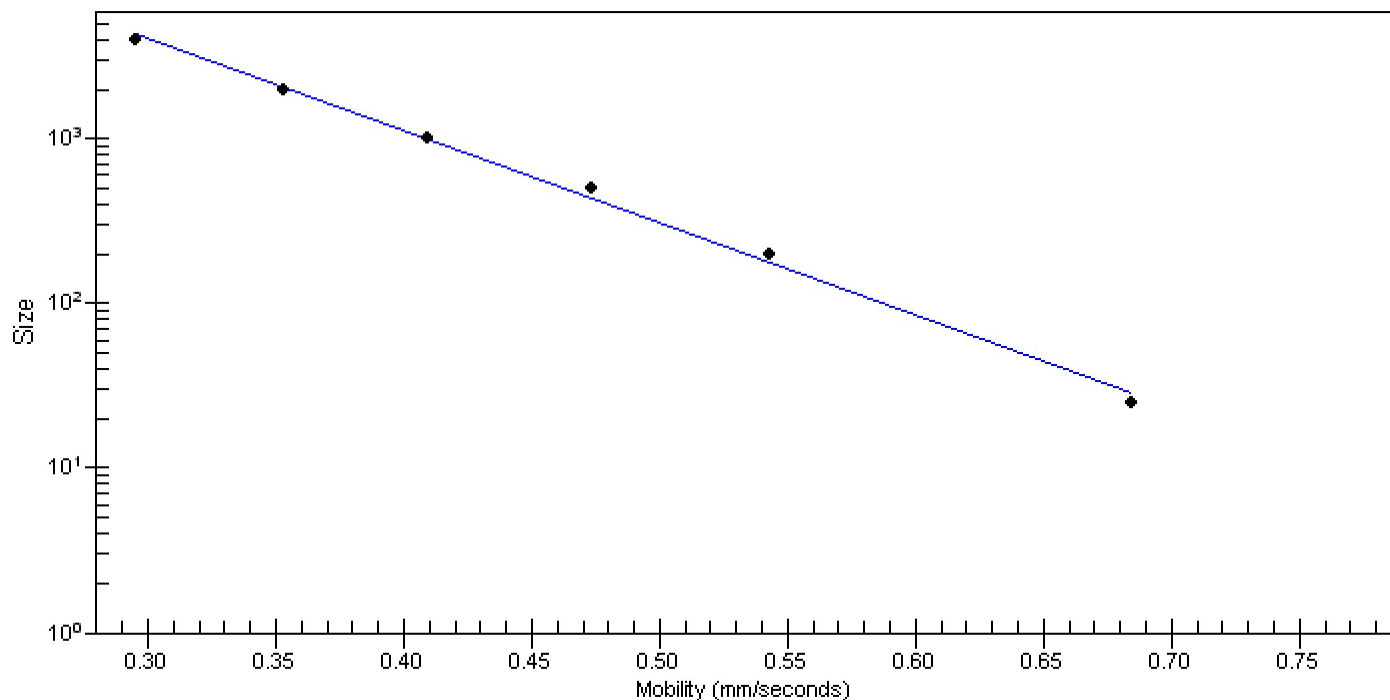


Assay Class: mRNA Pico
Data Path: C:\...er\2015-09-17\2015-09-17_001_Dekas_Cast_RiboDepletedRNA.xad

Created: 9/17/2015 1:07:20 PM
Modified: 9/17/2015 1:26:51 PM

Curves

Standard Curve



Assay Class: mRNA Pico
 Data Path: C:\...er\2015-09-17\2015-09-17_001_Dekas_Cast_RiboDepletedRNA.xad

Created: 9/17/2015 1:07:20 PM
 Modified: 9/17/2015 1:26:51 PM

Run Logbook

Description	Number	Source	Category	Sub Category	Time	Time Zone	User	Host
Run ended on port 1 (Number of wells acquired: 7)		Instrument	Run		9/17/2015 1:25:21 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Run started on port 1 (File: C:\Documents and Settings\Bioanal yzer\2015-09-17\2015-09-17_001.xad)		Instrument	Run		9/17/2015 1:07:25 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Product Number : G2938B		Instrument	Run		9/17/2015 1:07:25 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Name :		Instrument	Run		9/17/2015 1:07:25 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Vendor : Agilent Technologies		Instrument	Run		9/17/2015 1:07:25 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Serial# : DE13701086		Instrument	Run		9/17/2015 1:07:25 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Firmware : C.01.069		Instrument	Run		9/17/2015 1:07:25 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Cartridge : Electrode		Instrument	Run		9/17/2015 1:07:25 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1