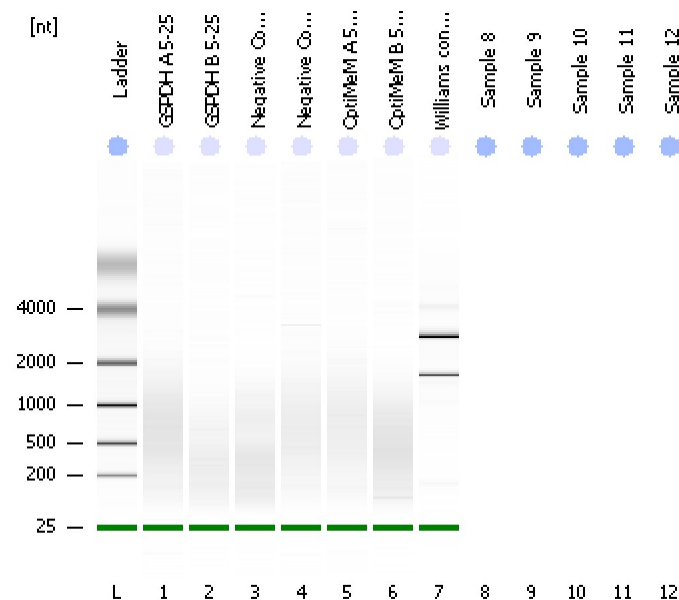


Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2012-05-25_17-15-17.xad

Created: 5/25/2012 5:15:17 PM
Modified: 5/25/2012 5:32:22 PM

Electrophoresis File Run Summary



Instrument Information:

Instrument Name: Ann's baby
Serial#: DE24802235
Firmware: C.01.069
Type: G2938B

Assay Information:

Assay Origin Path: D:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\Eukaryote Total RNA Nano Series II.xsy

Assay Class: Eukaryote Total RNA Nano

Version: 2.6

Assay Comments: Total RNA Analysis ng sensitivity (Eukaryote)

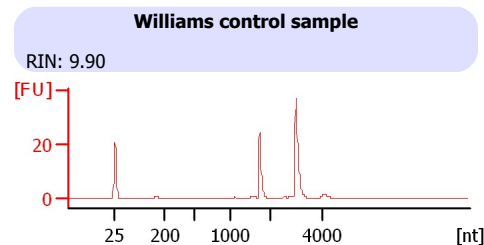
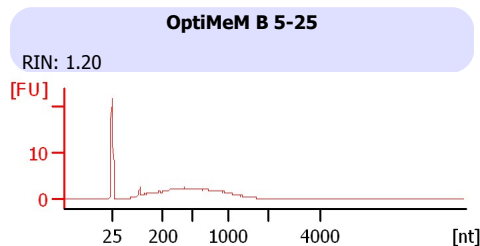
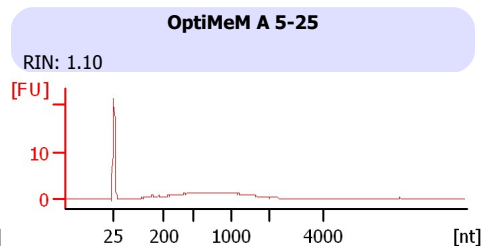
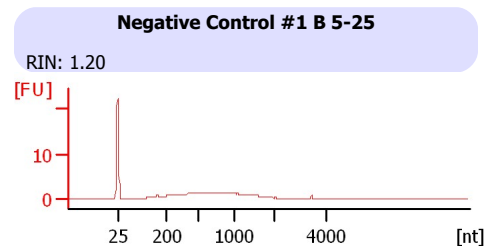
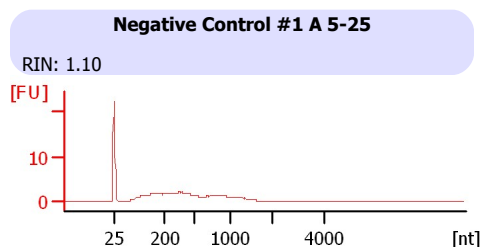
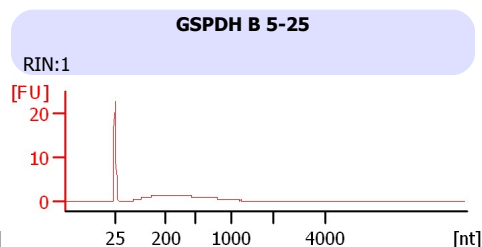
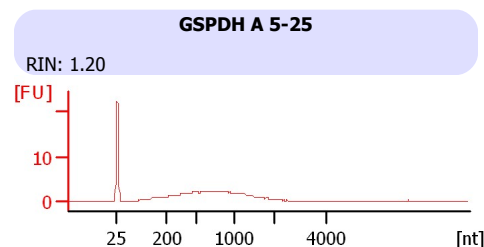
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Chip Information:

Chip Lot #:

Reagent Kit Lot #:

Chip Comments:



Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2012-05-25_17-15-17.xad

Created: 5/25/2012 5:15:17 PM
Modified: 5/25/2012 5:32:22 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
GSPDH A 5-25		✓	RIN: 1.20	
GSPDH B 5-25		✓	RIN:1	
Negative Control #1 A 5-25		✓	RIN: 1.10	
Negative Control #1 B 5-25		✓	RIN: 1.20	
OptiMeM A 5-25		✓	RIN: 1.10	
OptiMeM B 5-25		✓	RIN: 1.20	
Williams control sample		✓	RIN: 9.90	
Sample 8				
Sample 9				
Sample 10				
Sample 11				
Sample 12				
Ladder		✓	All Other Samples	

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

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2012-05-25_17-15-17.xad

Created: 5/25/2012 5:15:17 PM
Modified: 5/25/2012 5:32:22 PM

Electrophoresis Assay Details

General Analysis Settings

Number of Available Sample and Ladder Wells (Max.) : 13

Minimum Visible Range [s] : 17

Maximum Visible Range [s] : 70

Start Analysis Time Range [s] : 19

End Analysis Time Range [s] : 69

Ladder Concentration [ng/μl] : 150

Lower Marker Concentration [ng/μl] : 0

Upper Marker Concentration [ng/μl] : 0

Used Lower Marker for Quantitation

Standard Curve Fit is Logarithmic

Show Data Aligned to Lower Marker

Integrator Settings

Integration Start Time [s] : 19

Integration End Time [s] : 69

Slope Threshold : 0.6

Height Threshold [FU] : 0.5

Area Threshold : 0.2

Width Threshold [s] : 0.5

Baseline Plateau [s] : 6

Filter Settings

Filter Width [s] : 0.5

Polynomial Order : 4

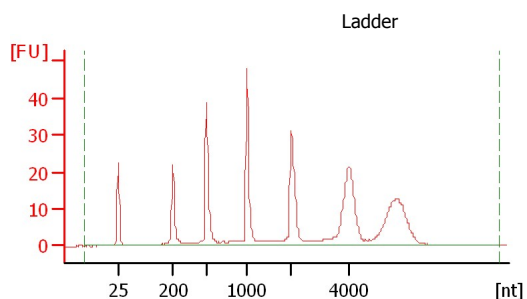
Ladder

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

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2012-05-25_17-15-17.xad

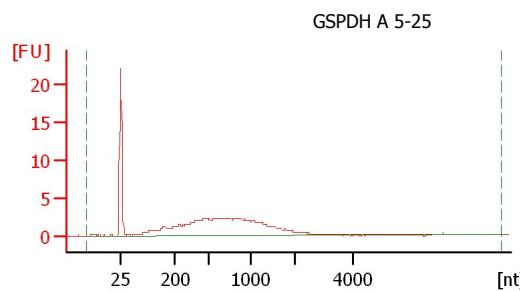
Created: 5/25/2012 5:15:17 PM
Modified: 5/25/2012 5:32:22 PM

Electropherogram Summary



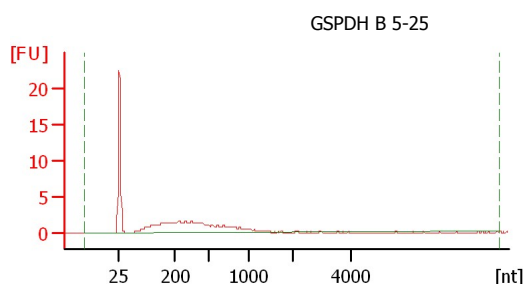
Overall Results for Ladder

RNA Area: 359.7
RNA Concentration: 150 ng/μl
Result Flagging Color:
Result Flagging Label: All Other Samples



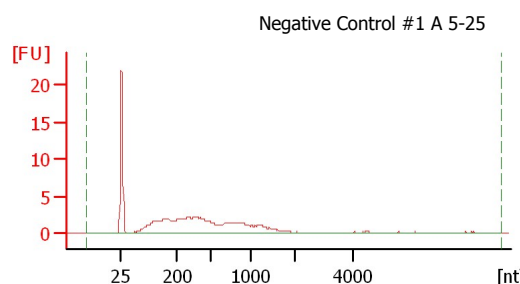
Overall Results for sample 1 : GSPDH A 5-25

RNA Area: 82.5
RNA Concentration: 34 ng/μl
rRNA Ratio [28s / 18s]: 0.0
RNA Integrity Number (RIN): 1.2 (B.02.08)
Result Flagging Color:
Result Flagging Label: RIN: 1.20



Overall Results for sample 2 : GSPDH B 5-25

RNA Area: 46.0
RNA Concentration: 19 ng/μl
rRNA Ratio [28s / 18s]: 0.0
RNA Integrity Number (RIN): 1 (B.02.08)
Result Flagging Color:
Result Flagging Label: RIN:1



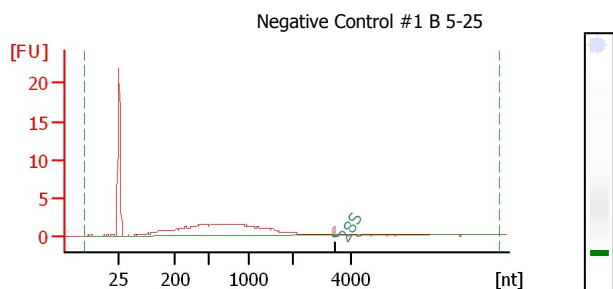
Overall Results for sample 3 : Negative Control #1 A 5-25

RNA Area: 71.1
RNA Concentration: 30 ng/μl
rRNA Ratio [28s / 18s]: 0.0
RNA Integrity Number (RIN): 1.1 (B.02.08)
Result Flagging Color:
Result Flagging Label: RIN: 1.10

Assay Class: Eukaryote Total RNA Nano
 Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2012-05-25_17-15-17.xad

Created: 5/25/2012 5:15:17 PM
 Modified: 5/25/2012 5:32:22 PM

Electropherogram Summary Continued ...

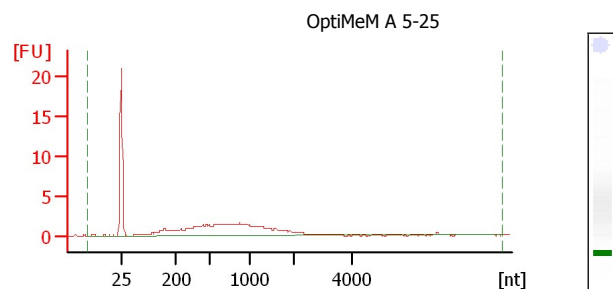


Overall Results for sample 4 : Negative Control #1 B 5-25

RNA Area: 59.1
 RNA Concentration: 25 ng/μl
 rRNA Ratio [28s / 18s]: 0.0
 RNA Integrity Number (RIN): 1.2 (B.02.08)
 Result Flagging Color:
 Result Flagging Label: RIN: 1.20

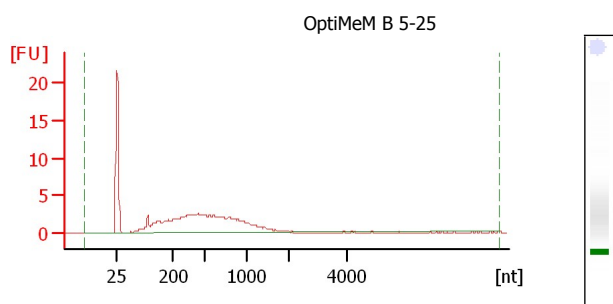
Fragment table for sample 4 : Negative Control #1 B 5-25

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
28S	3,374	3,489	0.5	0.9



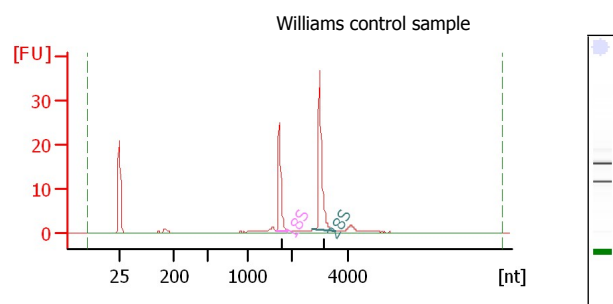
Overall Results for sample 5 : OptiMeM A 5-25

RNA Area: 52.5
 RNA Concentration: 22 ng/μl
 rRNA Ratio [28s / 18s]: 0.0
 RNA Integrity Number (RIN): 1.1 (B.02.08)
 Result Flagging Color:
 Result Flagging Label: RIN: 1.10



Overall Results for sample 6 : OptiMeM B 5-25

RNA Area: 80.0
 RNA Concentration: 33 ng/μl
 rRNA Ratio [28s / 18s]: 0.0
 RNA Integrity Number (RIN): 1.2 (B.02.08)
 Result Flagging Color:
 Result Flagging Label: RIN: 1.20



Overall Results for sample 7 : Williams control sample

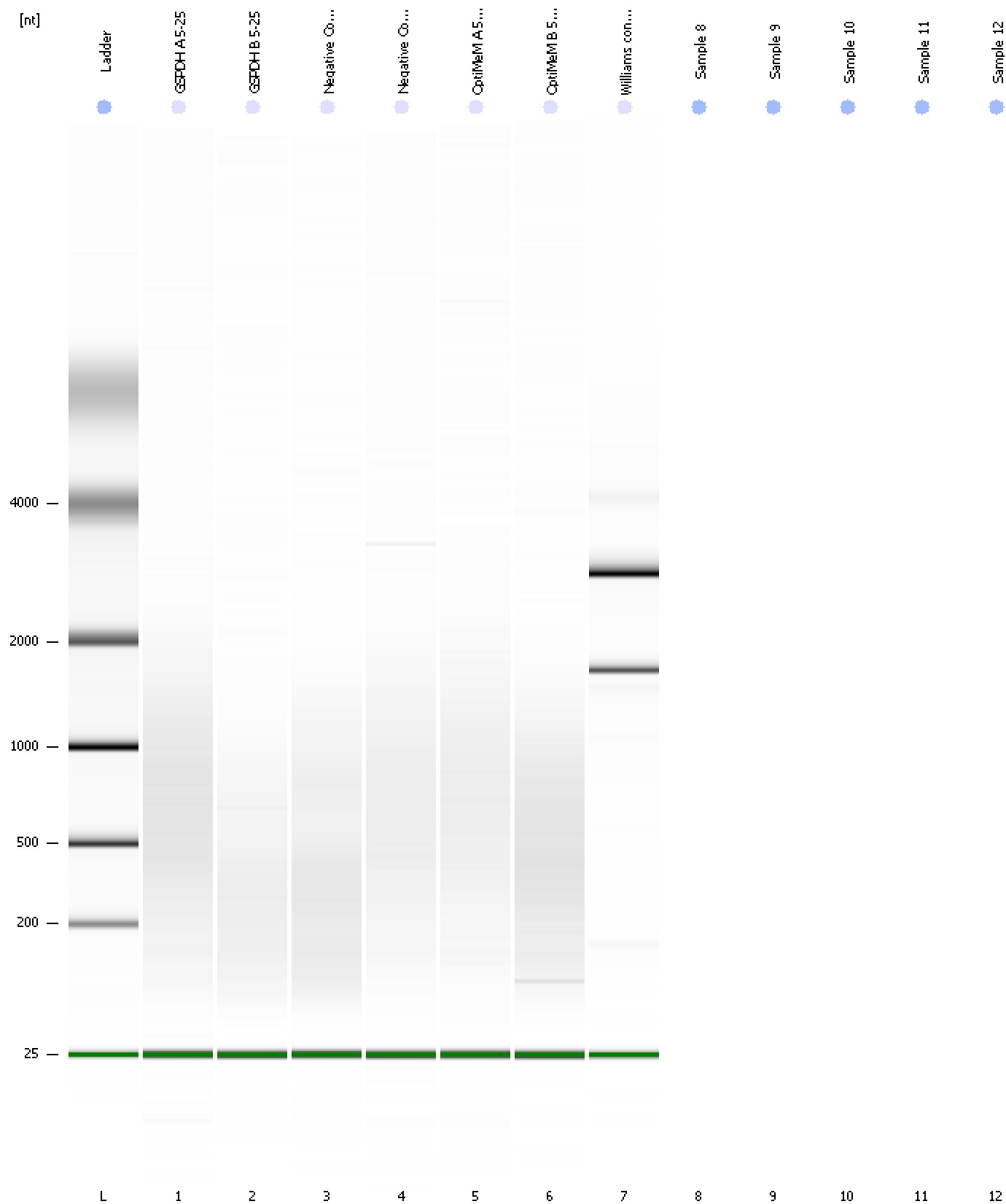
RNA Area: 87.5
 RNA Concentration: 36 ng/μl
 rRNA Ratio [28s / 18s]: 1.8
 RNA Integrity Number (RIN): 9.9 (B.02.08)
 Result Flagging Color:
 Result Flagging Label: RIN: 9.90

Fragment table for sample 7 : Williams control sample

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,668	1,928	20.5	23.4
28S	2,753	3,571	35.9	41.1

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2012-05-25_17-15-17.xad

Created: 5/25/2012 5:15:17 PM
Modified: 5/25/2012 5:32:22 PM

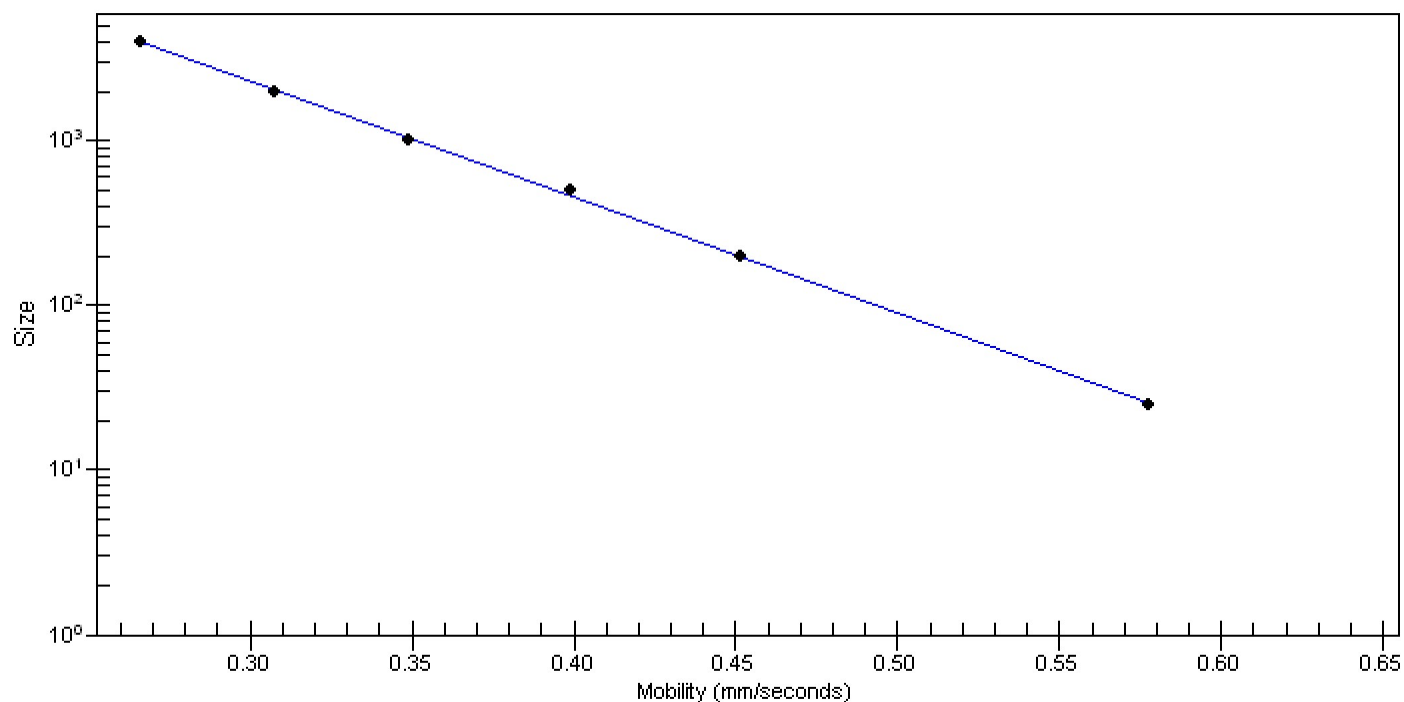
Gel Image

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2012-05-25_17-15-17.xad

Created: 5/25/2012 5:15:17 PM
Modified: 5/25/2012 5:32:22 PM

Curves

Standard Curve



Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2012-05-25_17-15-17.xad

Created: 5/25/2012 5:15:17 PM
Modified: 5/25/2012 5:32:22 PM

Invalid Samples

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.

Sample 12 has not been run, no results available.