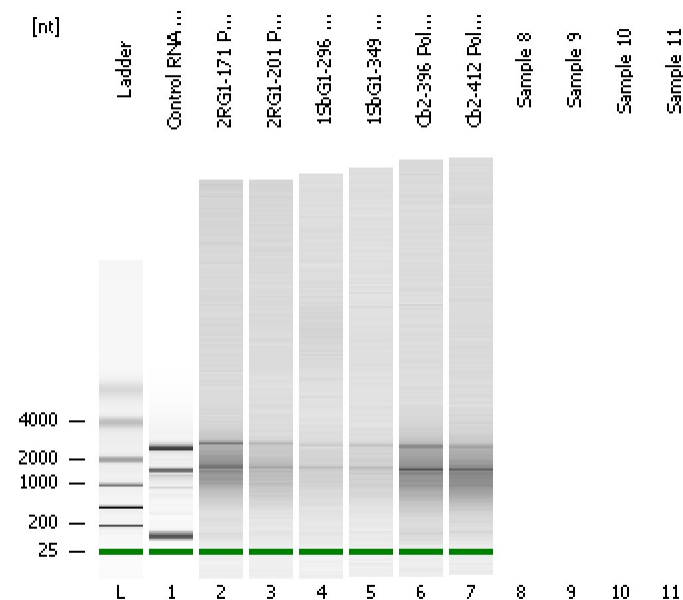


Assay Class: mRNA Pico
Data Path: D:\...11\2100 expert_mRNA Pico_DE24802235_2011-04-11_17-53-30.xad

Created: 4/11/2011 5:53:30 PM
Modified: 4/11/2011 6:12:36 PM

Electrophoresis File Run Summary



Instrument Information:

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

Assay Information:

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

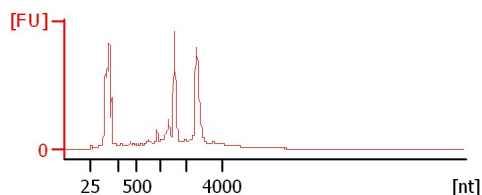
Assay Class: mRNA Pico
Version: 2.5
Assay Comments: mRNA Analysis pg sensitivity

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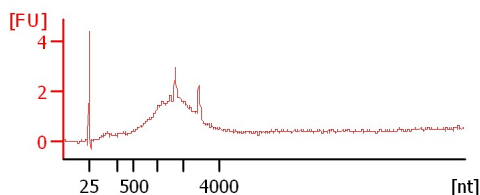
Chip Information:

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

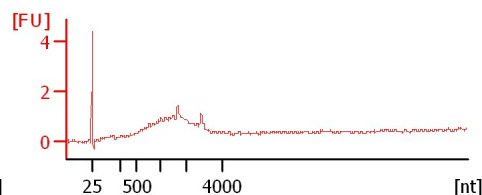
Control RNA Carpita 7-22-1R 1:4



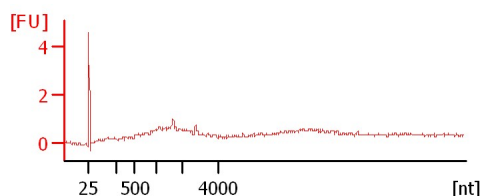
2RG1-171 Poly A 1st round dil 1:5



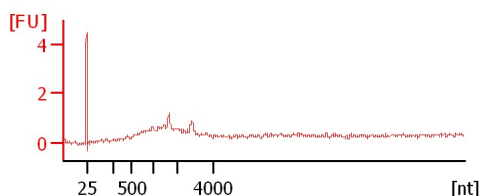
2RG1-201 Poly A 1st round dil 1:5



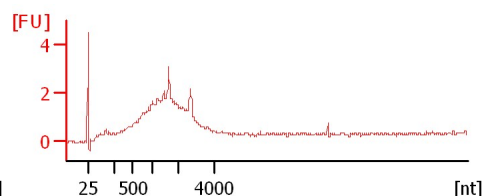
1SbG1-296 Poly A 1st round dil 1:5



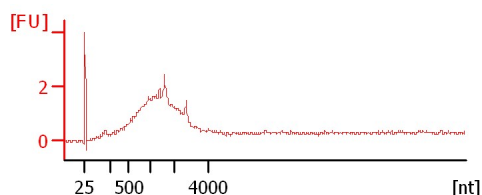
1SbG1-349 Poly A 1st round dil 1:5



Cb2-396 Poly A 1st round dil 1:5



Cb2-412 Poly A 1st round dil 1:5



Assay Class: mRNA Pico
Data Path: D:\...11\2100 expert_mRNA Pico_DE24802235_2011-04-11_17-53-30.xad

Created: 4/11/2011 5:53:30 PM
Modified: 4/11/2011 6:12:36 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
Control RNA Carpita		✓		
7-22-1R 1:4				
2RG1-171 Poly A 1st round dil 1:5		✓		
2RG1-201 Poly A 1st round dil 1:5		✓		
1SbG1-296 Poly A 1st round dil 1:5		✓		
1SbG1-349 Poly A 1st round dil 1:5		✓		
Cb2-396 Poly A 1st round dil 1:5		✓		
Cb2-412 Poly A 1st round dil 1:5		✓		
Sample 8				
Sample 9				
Sample 10				
Sample 11				

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

Assay Class: mRNA Pico
Data Path: D:\...11\2100 expert_mRNA Pico_DE24802235_2011-04-11_17-53-30.xad

Created: 4/11/2011 5:53:30 PM
Modified: 4/11/2011 6:12:36 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

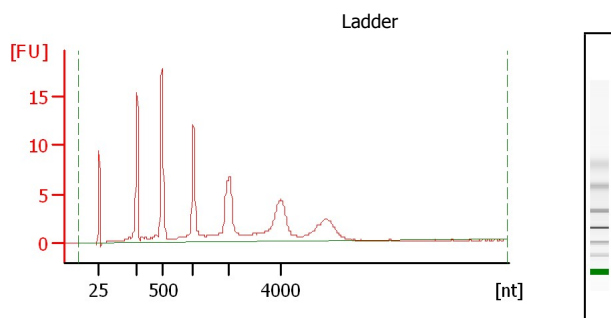
Ladder

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

Assay Class: mRNA Pico
 Data Path: D:\...11\2100 expert_mRNA Pico_DE24802235_2011-04-11_17-53-30.xad

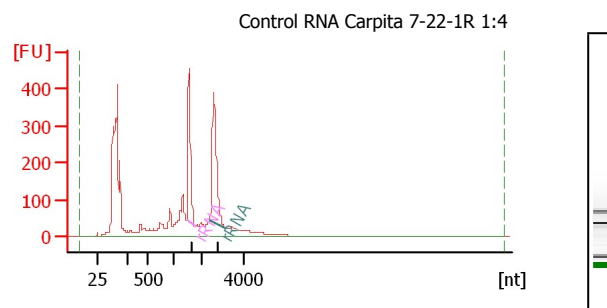
Created: 4/11/2011 5:53:30 PM
 Modified: 4/11/2011 6:12:36 PM

Electropherogram Summary



Overall Results for Ladder

RNA Area: 149.6
 RNA Concentration: 1,000 pg/μl

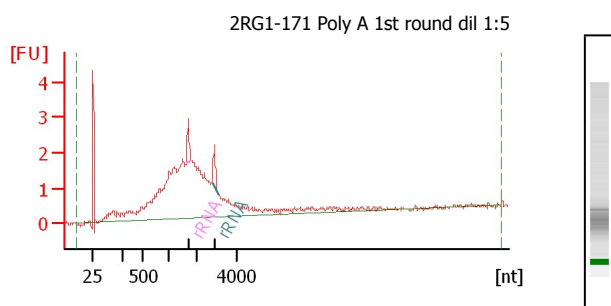


Overall Results for sample 1

RNA Area: 5,058.4
 RNA Concentration: 33,814 pg/μl
 rRNA Contamination: 26.3 %

Fragment table for sample 1

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
rRNA	1,472	1,752	545.7	10.8
rRNA	2,348	3,137	782.5	15.5

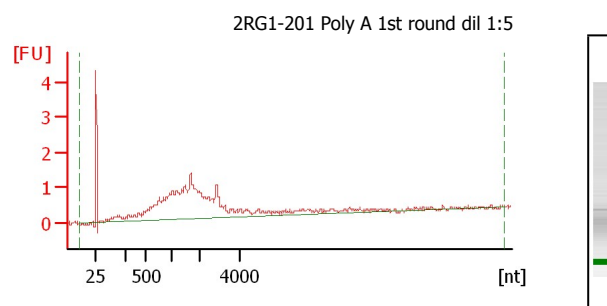


Overall Results for sample 2

RNA Area: 56.8
 RNA Concentration: 380 pg/μl
 rRNA Contamination: 4.5 %

Fragment table for sample 2

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
rRNA	1,646	1,820	1.2	2.1
rRNA	2,759	3,081	1.4	2.5

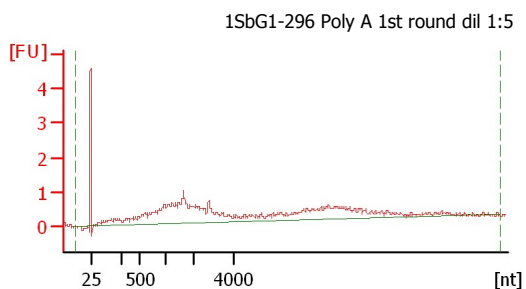


Overall Results for sample 3

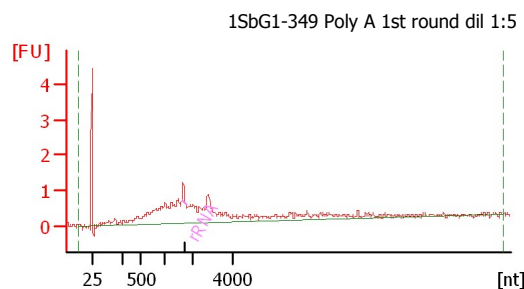
RNA Area: 34.7
 RNA Concentration: 232 pg/μl
 rRNA Contamination: 0.0 %

Assay Class: mRNA Pico
Data Path: D:\...11\2100 expert_mRNA Pico_DE24802235_2011-04-11_17-53-30.xad

Created: 4/11/2011 5:53:30 PM
Modified: 4/11/2011 6:12:36 PM

Electropherogram Summary Continued ...**Overall Results for sample 4**

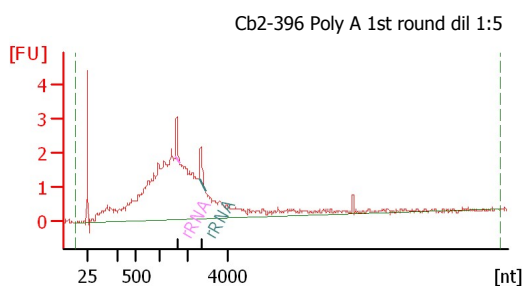
RNA Area: 36.9
RNA Concentration: 246 pg/μl
rRNA Contamination: 0.0 %

**Overall Results for sample 5**

RNA Area: 25.6
RNA Concentration: 171 pg/μl
rRNA Contamination: 2.3 %

Fragment table for sample 5

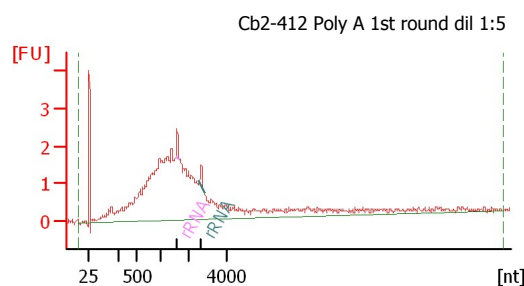
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
rRNA	1,582	1,749	0.6	2.3

**Overall Results for sample 6**

RNA Area: 71.8
RNA Concentration: 480 pg/μl
rRNA Contamination: 3.4 %

Fragment table for sample 6

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
rRNA	1,558	1,716	1.1	1.6
rRNA	2,572	2,906	1.3	1.8

**Overall Results for sample 7**

RNA Area: 64.7
RNA Concentration: 433 pg/μl
rRNA Contamination: 1.9 %

Fragment table for sample 7

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
rRNA	1,548	1,673	0.6	1.0
rRNA	2,587	2,812	0.6	0.9