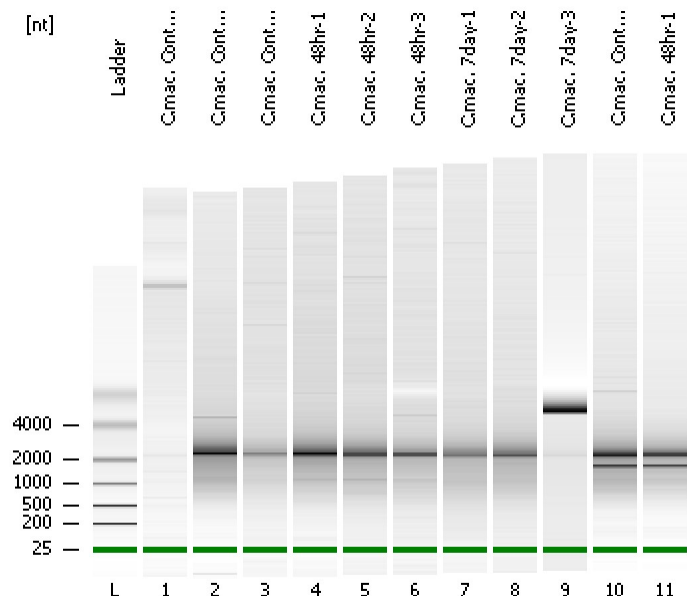


Assay Class: mRNA Pico
Data Path: D:\...28\2100 expert_mRNA Pico_DE24802235_2010-09-28_11-58-26.xad

Created: 9/28/2010 11:58:26 AM
Modified: 9/28/2010 12:38:38 PM

Electrophoresis File Run Summary



Instrument Information:

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

Assay Information:

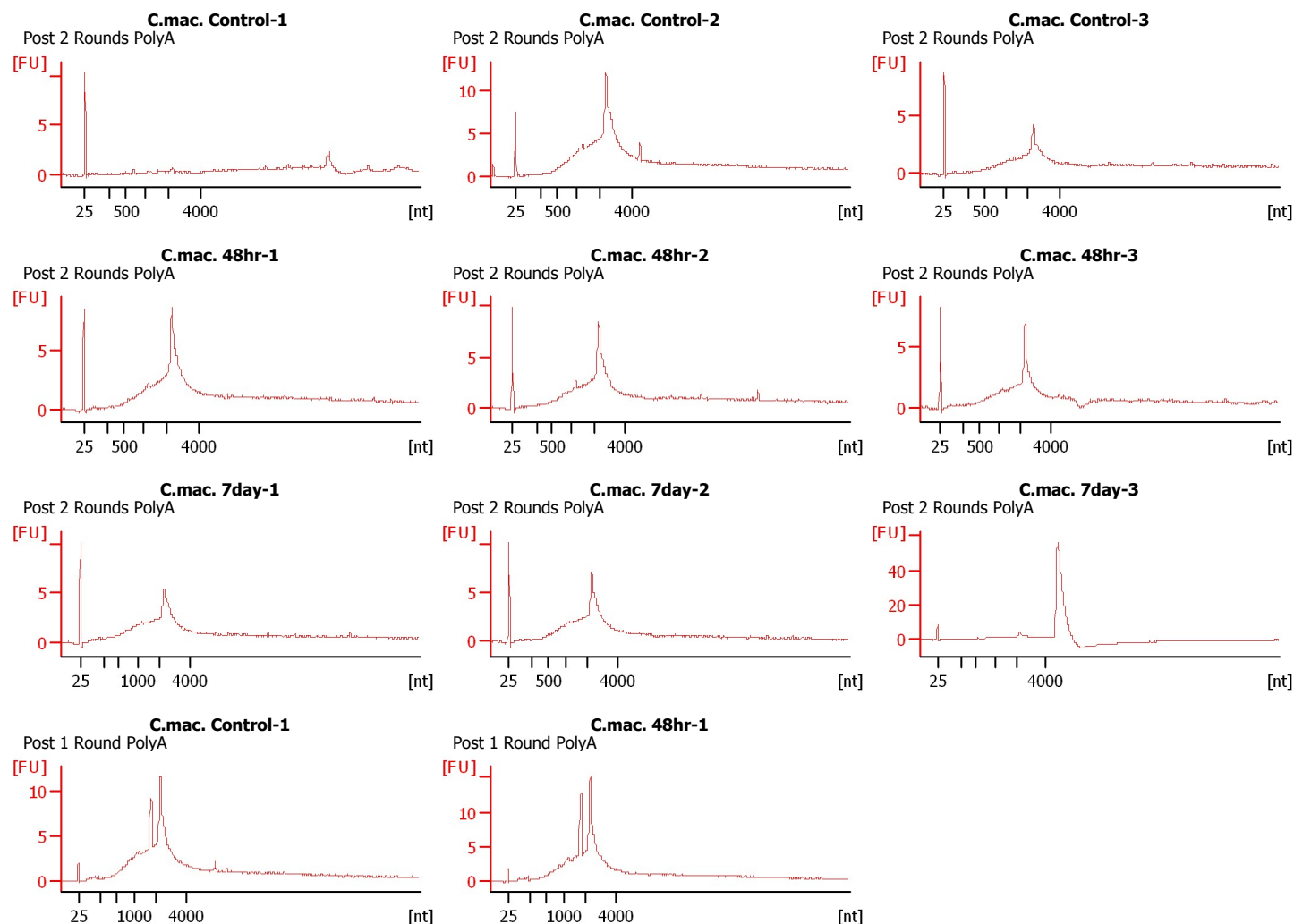
Assay Origin Path: D:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\mRNA Pico Series II.xsy

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:



Assay Class: mRNA Pico
Data Path: D:\...28\2100 expert_mRNA Pico_DE24802235_2010-09-28_11-58-26.xad

Created: 9/28/2010 11:58:26 AM
Modified: 9/28/2010 12:38:38 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
C.mac. Control-1	Post 2 Rounds PolyA	✓		
C.mac. Control-2	Post 2 Rounds PolyA	✓		
C.mac. Control-3	Post 2 Rounds PolyA	✓		
C.mac. 48hr-1	Post 2 Rounds PolyA	✓		
C.mac. 48hr-2	Post 2 Rounds PolyA	✓		
C.mac. 48hr-3	Post 2 Rounds PolyA	✓		
C.mac. 7day-1	Post 2 Rounds PolyA	✓		
C.mac. 7day-2	Post 2 Rounds PolyA	✓		
C.mac. 7day-3	Post 2 Rounds PolyA	✓		
C.mac. Control-1	Post 1 Round PolyA	✓		
C.mac. 48hr-1	Post 1 Round PolyA	✓		

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

Assay Class: mRNA Pico
Data Path: D:\...28\2100 expert_mRNA Pico_DE24802235_2010-09-28_11-58-26.xad

Created: 9/28/2010 11:58:26 AM
Modified: 9/28/2010 12:38:38 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

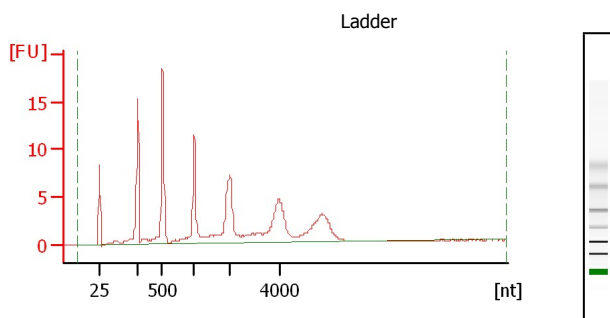
Ladder

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

Assay Class: mRNA Pico
Data Path: D:\...28\2100 expert_mRNA Pico_DE24802235_2010-09-28_11-58-26.xad

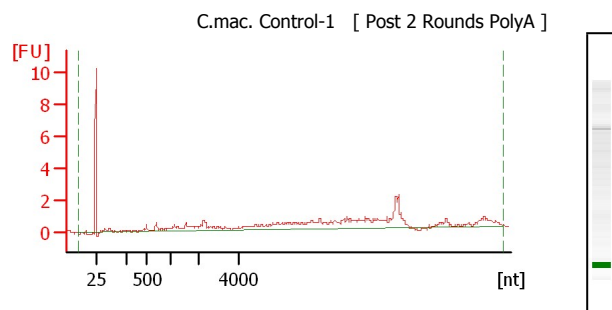
Created: 9/28/2010 11:58:26 AM
Modified: 9/28/2010 12:38:38 PM

Electropherogram Summary



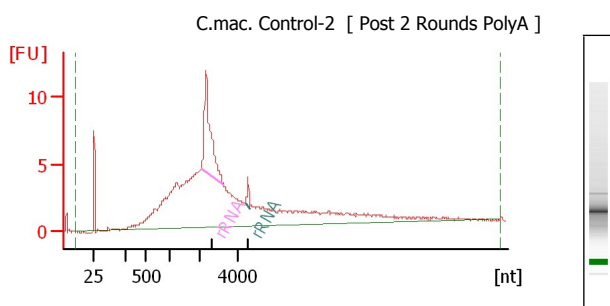
Overall Results for Ladder

RNA Area: 153.3
RNA Concentration: 1,000 pg/μl



Overall Results for sample 1 : C.mac. Control-1

RNA Area: 34.8
RNA Concentration: 227 pg/μl
rRNA Contamination: 0.0 %

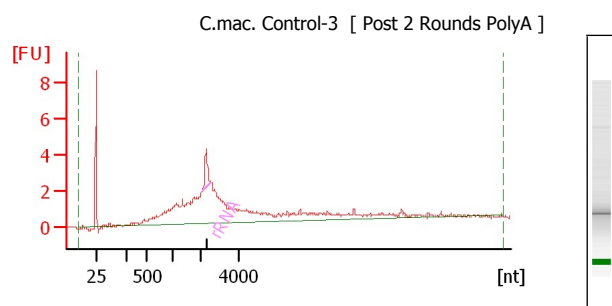


Overall Results for sample 2 : C.mac. Control-2

RNA Area: 204.1
RNA Concentration: 1,331 pg/μl
rRNA Contamination: 12.0 %

Fragment table for sample 2 : C.mac. Control-2

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
rRNA	2,094	3,231	23.2	11.4
rRNA	4,368	4,542	1.2	0.6



Overall Results for sample 3 : C.mac. Control-3

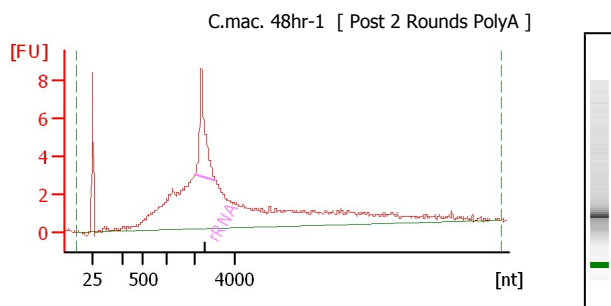
RNA Area: 75.7
RNA Concentration: 494 pg/μl
rRNA Contamination: 3.7 %

Fragment table for sample 3 : C.mac. Control-3

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
rRNA	2,153	2,519	2.8	3.7

Assay Class: mRNA Pico
Data Path: D:\...28\2100 expert_mRNA Pico_DE24802235_2010-09-28_11-58-26.xad

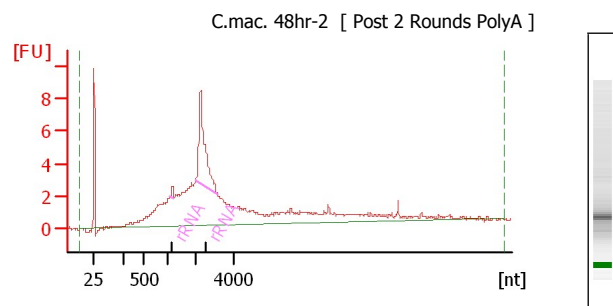
Created: 9/28/2010 11:58:26 AM
Modified: 9/28/2010 12:38:38 PM

Electropherogram Summary Continued ...**Overall Results for sample 4 : C.mac. 48hr-1**

RNA Area: 138.1
RNA Concentration: 901 pg/μl
rRNA Contamination: 11.3 %

Fragment table for sample 4 : C.mac. 48hr-1

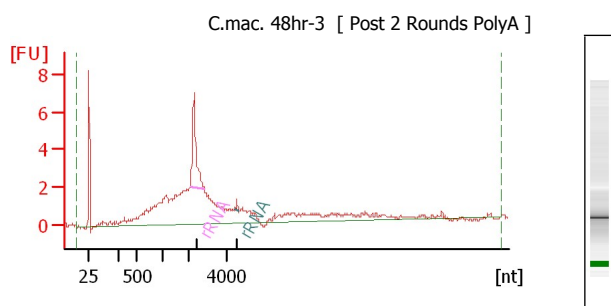
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
rRNA	2,016	3,032	15.6	11.3

**Overall Results for sample 5 : C.mac. 48hr-2**

RNA Area: 133.9
RNA Concentration: 873 pg/μl
rRNA Contamination: 13.4 %

Fragment table for sample 5 : C.mac. 48hr-2

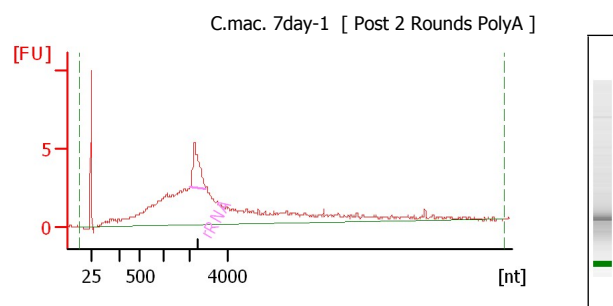
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
rRNA	1,093	1,241	0.5	0.4
rRNA	2,007	3,118	17.4	13.0

**Overall Results for sample 6 : C.mac. 48hr-3**

RNA Area: 86.8
RNA Concentration: 566 pg/μl
rRNA Contamination: 11.4 %

Fragment table for sample 6 : C.mac. 48hr-3

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
rRNA	2,044	2,809	9.7	11.1
rRNA	4,471	4,620	0.2	0.3

**Overall Results for sample 7 : C.mac. 7day-1**

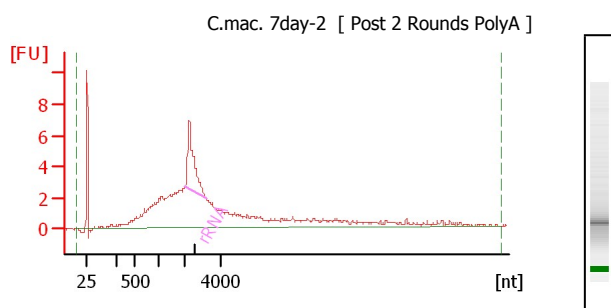
RNA Area: 127.8
RNA Concentration: 834 pg/μl
rRNA Contamination: 7.4 %

Fragment table for sample 7 : C.mac. 7day-1

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
rRNA	2,022	2,843	9.4	7.4

Assay Class: mRNA Pico
Data Path: D:\...28\2100 expert_mRNA Pico_DE24802235_2010-09-28_11-58-26.xad

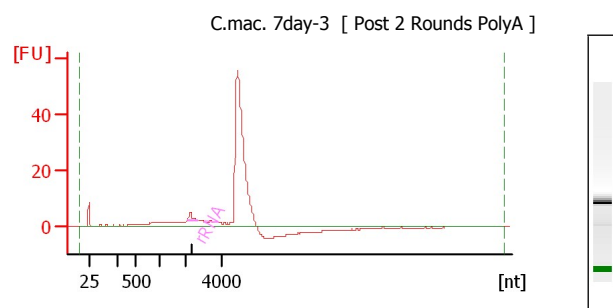
Created: 9/28/2010 11:58:26 AM
Modified: 9/28/2010 12:38:38 PM

Electropherogram Summary Continued ...**Overall Results for sample 8 : C.mac. 7day-2**

RNA Area: 127.2
RNA Concentration: 830 pg/μl
rRNA Contamination: 11.2 %

Fragment table for sample 8 : C.mac. 7day-2

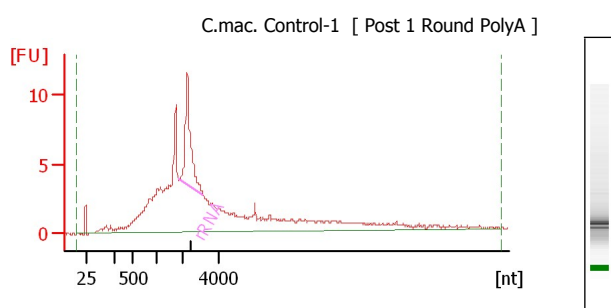
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
rRNA	2,031	3,149	14.3	11.2

**Overall Results for sample 9 : C.mac. 7day-3**

RNA Area: 286.7
RNA Concentration: 1,871 pg/μl
rRNA Contamination: 1.9 %

Fragment table for sample 9 : C.mac. 7day-3

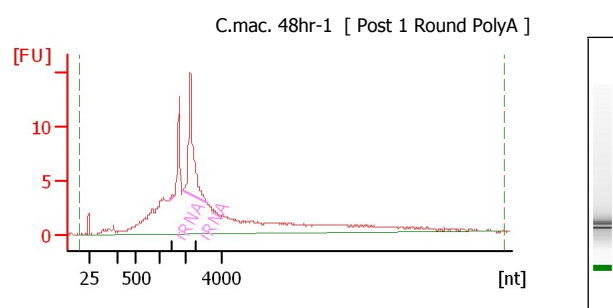
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
rRNA	2,042	2,640	5.5	1.9

**Overall Results for sample 10 : C.mac. Control-1**

RNA Area: 203.2
RNA Concentration: 1,326 pg/μl
rRNA Contamination: 11.3 %

Fragment table for sample 10 : C.mac. Control-1

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
rRNA	1,885	3,154	23.0	11.3

**Overall Results for sample 11 : C.mac. 48hr-1**

RNA Area: 215.6
RNA Concentration: 1,406 pg/μl
rRNA Contamination: 12.8 %

Fragment table for sample 11 : C.mac. 48hr-1

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
rRNA	1,407	1,574	0.4	0.2
rRNA	1,909	3,171	27.2	12.6

Assay Class: mRNA Pico
Data Path: D:\...28\2100 expert_mRNA Pico_DE24802235_2010-09-28_11-58-26.xad

Created: 9/28/2010 11:58:26 AM
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