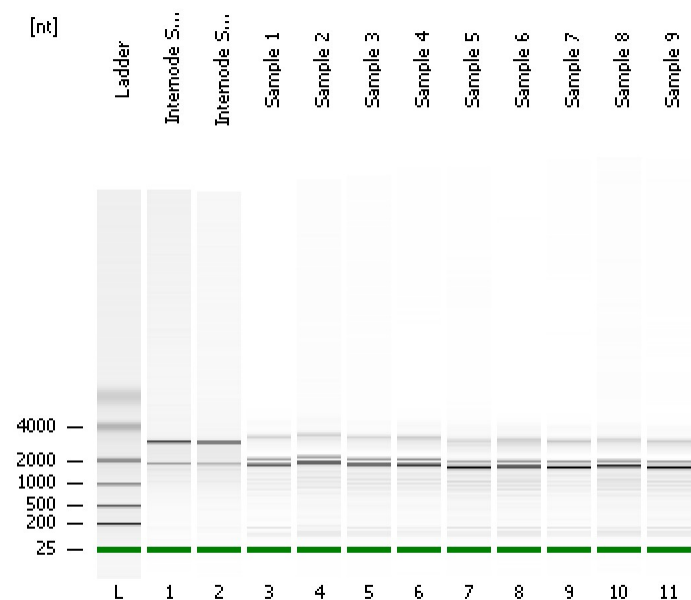


Assay Class: mRNA Pico
Data Path: D:\...12\2100 expert_mRNA Pico_DE24802235_2011-12-12_13-46-09.xad

Created: 12/12/2011 1:46:08 PM
Modified: 12/12/2011 2:12:09 PM

Electrophoresis File Run Summary



Instrument Information:

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

Assay Information:

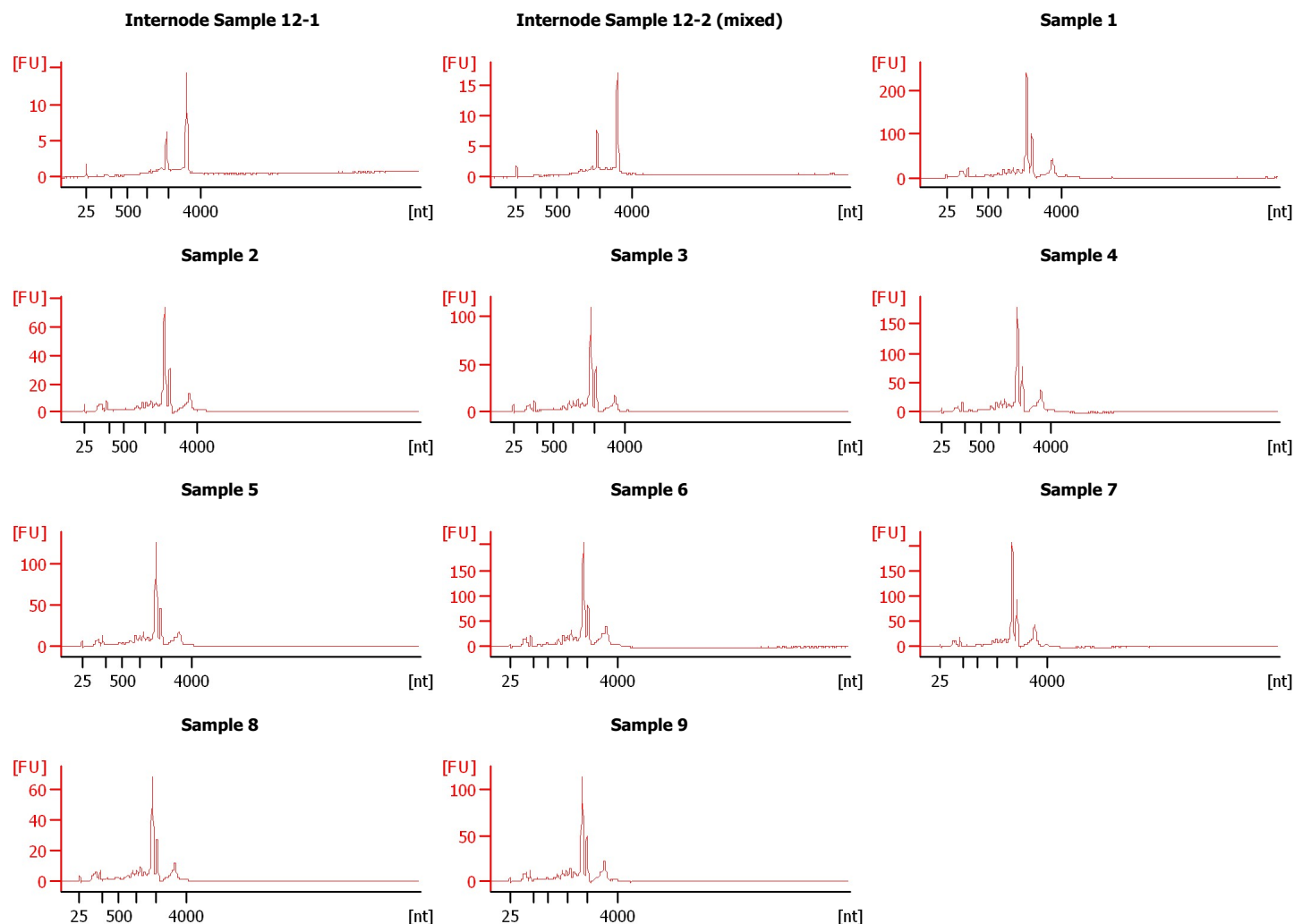
Assay Origin Path: D:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\mRNA Pico Series II.xsy

Assay Class: mRNA Pico
Version: 2.6
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:\...12\2100 expert_mRNA Pico_DE24802235_2011-12-12_13-46-09.xad

Created: 12/12/2011 1:46:08 PM
Modified: 12/12/2011 2:12:09 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
Internode Sample 12-1		✓		
Internode Sample 12-2 (mixed)		✓		
Sample 1		✓		
Sample 2		✓		
Sample 3		✓		
Sample 4		✓		
Sample 5		✓		
Sample 6		✓		
Sample 7		✓		
Sample 8		✓		
Sample 9		✓		
Ladder		✓		

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

Assay Class: mRNA Pico
Data Path: D:\...12\2100 expert_mRNA Pico_DE24802235_2011-12-12_13-46-09.xad

Created: 12/12/2011 1:46:08 PM
Modified: 12/12/2011 2:12:09 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

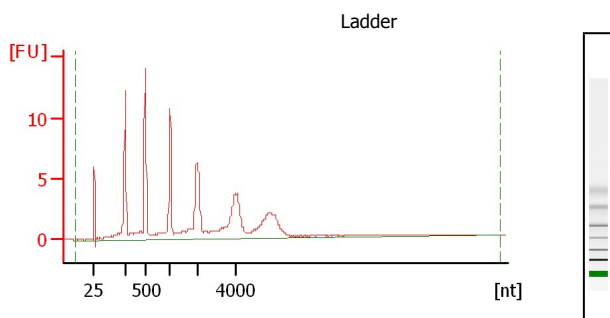
Ladder

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

Assay Class: mRNA Pico
 Data Path: D:\...12\2100 expert_mRNA Pico_DE24802235_2011-12-12_13-46-09.xad

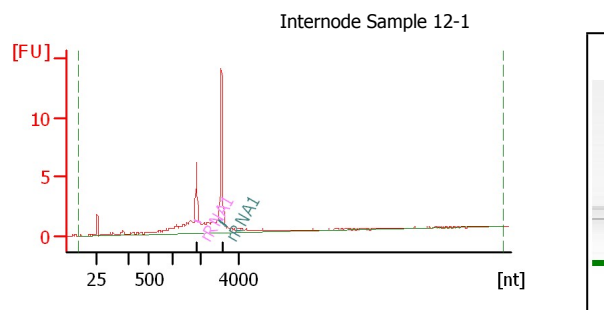
Created: 12/12/2011 1:46:08 PM
 Modified: 12/12/2011 2:12:09 PM

Electropherogram Summary



Overall Results for Ladder

RNA Area: 123.2
 RNA Concentration: 1,000 pg/μl

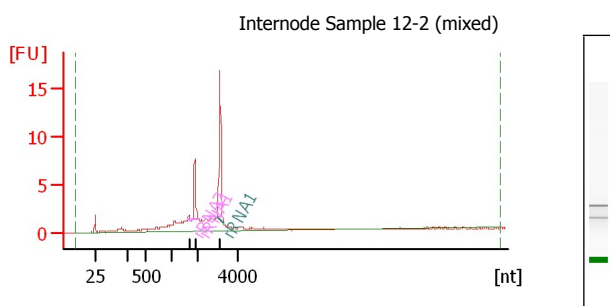


Overall Results for sample 1 : Internode Sample 12-1

RNA Area: 56.9
 RNA Concentration: 462 pg/μl
 rRNA Contamination: 30.2 %

Fragment table for sample 1 : Internode Sample 12-1

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
rRNA1	1,811	2,016	4.5	7.9
rRNA1	2,951	3,338	12.7	22.3



Overall Results for sample 2 : Internode Sample 12-2 (mixed)

RNA Area: 65.8
 RNA Concentration: 534 pg/μl
 rRNA Contamination: 31.8 %

Fragment table for sample 2 : Internode Sample 12-2 (mixed)

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
rRNA2	1,596	1,713	0.3	0.5
rRNA1	1,748	2,006	5.8	8.8
rRNA1	2,935	3,303	14.8	22.5

Assay Class: mRNA Pico
Data Path: D:\...12\2100 expert_mRNA Pico_DE24802235_2011-12-12_13-46-09.xad

Created: 12/12/2011 1:46:08 PM
Modified: 12/12/2011 2:12:09 PM

Gel Image