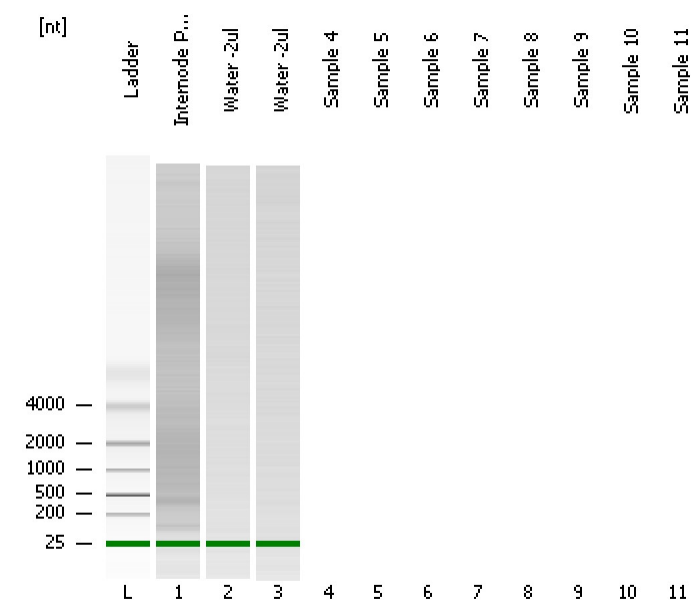


Assay Class: mRNA Pico
Data Path: D:\...16\2100 expert_mRNA Pico_DE24802235_2011-12-16_22-09-52.xad

Created: 12/16/2011 10:09:52 PM
Modified: 12/16/2011 10:26:50 PM

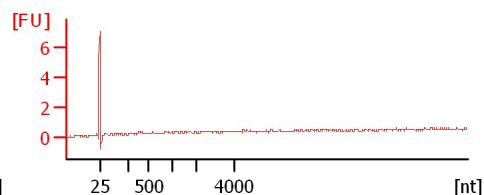
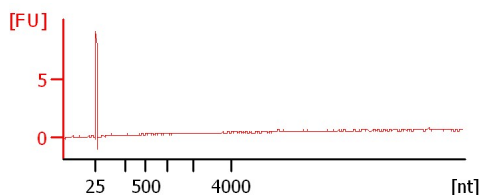
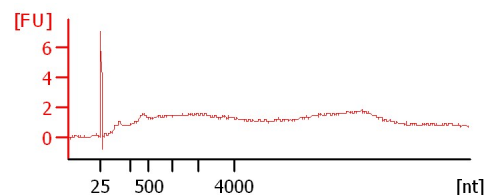
Electrophoresis File Run Summary



Internode PolyA Sample 12

Water -2ul

Water -2ul



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: 2.6

Assay Comments: mRNA Analysis pg sensitivity

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Chip Information:

Chip Lot #:

Reagent Kit Lot #:

Chip Comments: Sample 12 was also diluted 2x(1ul of RNA +1ul H2O) but all 2 ul were loaded

Assay Class: mRNA Pico
Data Path: D:\...16\2100 expert_mRNA Pico_DE24802235_2011-12-16_22-09-52.xad

Created: 12/16/2011 10:09:52 PM
Modified: 12/16/2011 10:26:50 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
Internode PolyA Sample 12		✓		
Water -2ul		✓		
Water -2ul		✓		
Sample 4				
Sample 5				
Sample 6				
Sample 7				
Sample 8				
Sample 9				
Sample 10				
Sample 11				
Ladder		✓		

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

Sample 12 was also diluted 2x(1ul of RNA +1ul H2O) but all 2 ul were loaded

Assay Class: mRNA Pico
Data Path: D:\...16\2100 expert_mRNA Pico_DE24802235_2011-12-16_22-09-52.xad

Created: 12/16/2011 10:09:52 PM
Modified: 12/16/2011 10:26:50 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

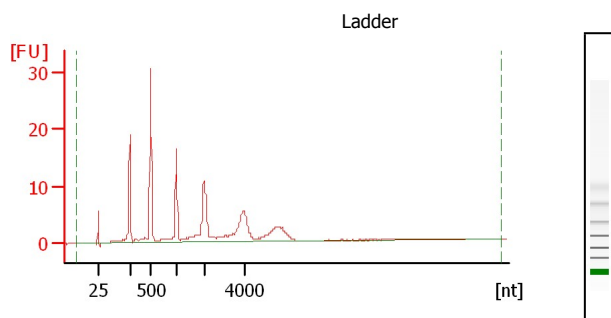
Ladder

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

Assay Class: mRNA Pico
 Data Path: D:\...16\2100 expert_mRNA Pico_DE24802235_2011-12-16_22-09-52.xad

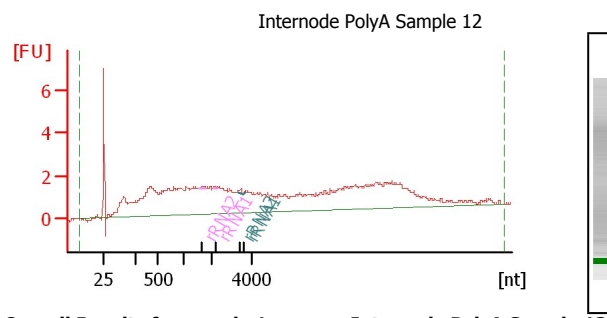
Created: 12/16/2011 10:09:52 PM
 Modified: 12/16/2011 10:26:50 PM

Electropherogram Summary



Overall Results for Ladder

RNA Area: 172.4
 RNA Concentration: 1,000 pg/μl

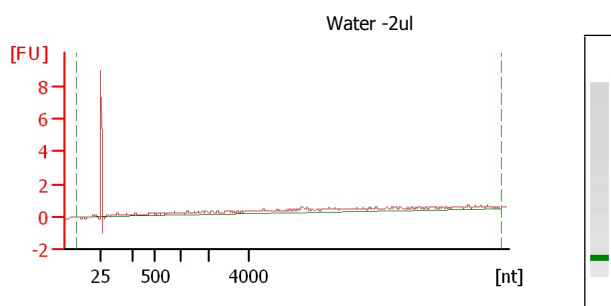


Overall Results for sample 1 : Internode PolyA Sample 12

RNA Area: 116.9
 RNA Concentration: 678 pg/μl
 rRNA Contamination: 0.4 %

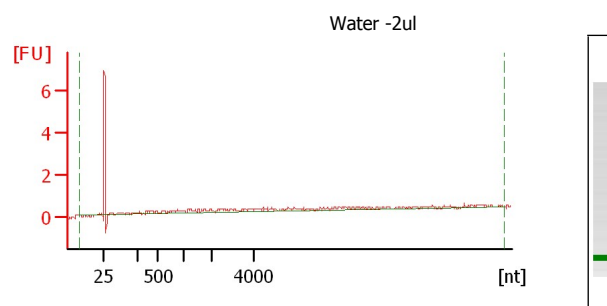
Fragment table for sample 1 : Internode PolyA Sample 12

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
rRNA2	1,597	1,787	0.1	0.1
rRNA1	2,123	2,278	0.1	0.1
rRNA2	3,268	3,562	0.2	0.2
rRNA1	3,639	3,748	0.1	0.1



Overall Results for sample 2 : Water -2ul

RNA Area: 13.0
 RNA Concentration: 75 pg/μl
 rRNA Contamination: 0.0 %



Overall Results for sample 3 : Water -2ul

RNA Area: 14.4
 RNA Concentration: 83 pg/μl
 rRNA Contamination: 0.0 %

Assay Class: mRNA Pico
Data Path: D:\...16\2100 expert_mRNA Pico_DE24802235_2011-12-16_22-09-52.xad

Created: 12/16/2011 10:09:52 PM
Modified: 12/16/2011 10:26:50 PM

Gel Image