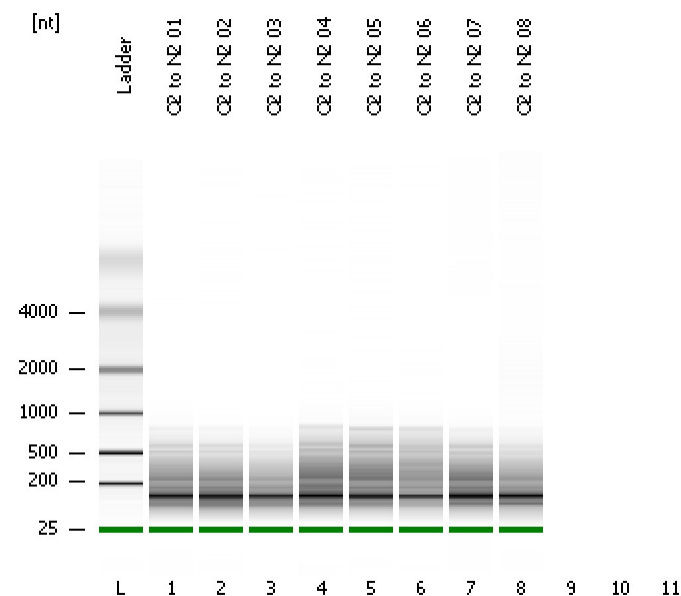


Assay Class: Prokaryote Total RNA Pico
Data Path: D:\...rokaryote Total RNA Pico_DE24802235_2011-03-22_16-48-38.xad

Created: 3/22/2011 4:48:38 PM
Modified: 3/22/2011 5:07:31 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\Prokaryote Total RNA Pico Series II.xsy

Assay Class: Prokaryote Total RNA Pico

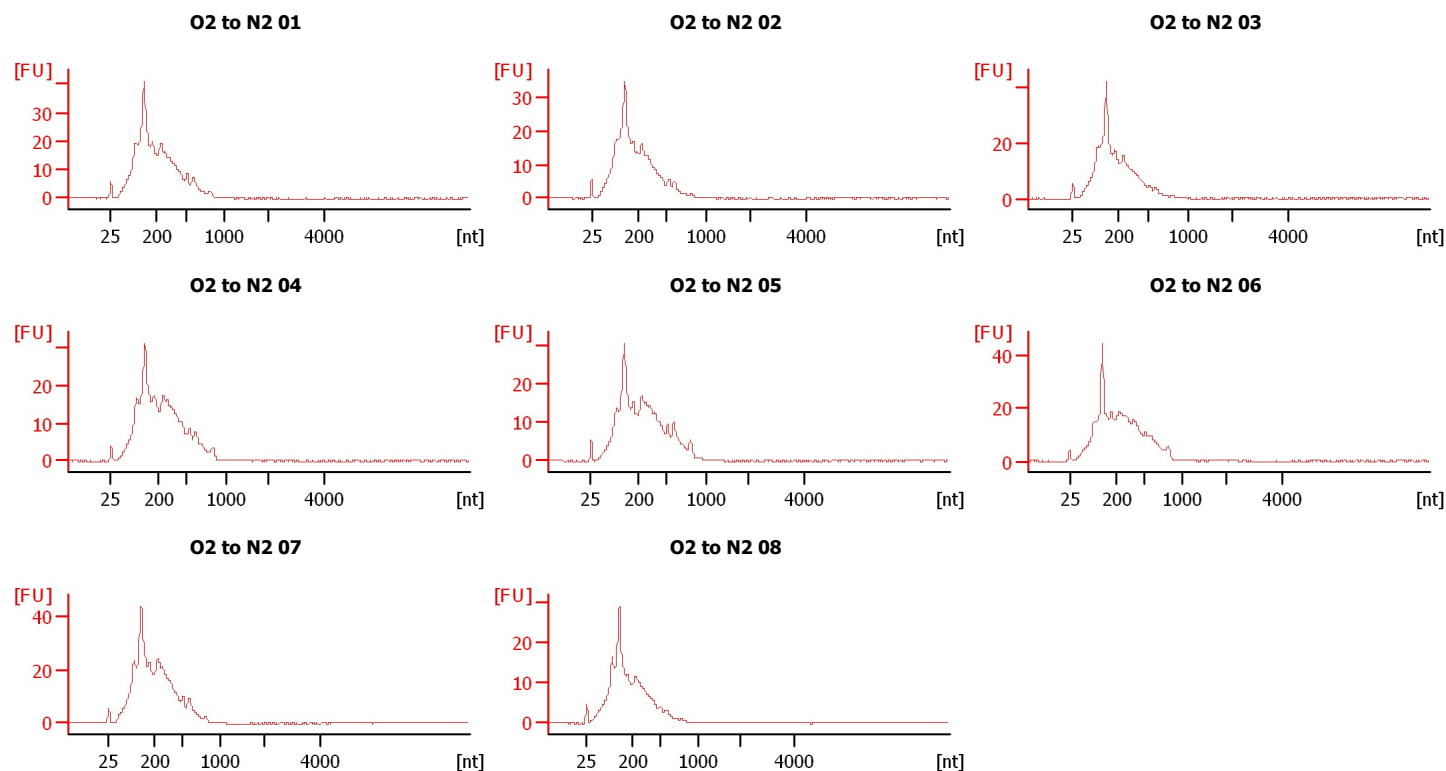
Version: 2.5

Assay Comments: Total RNA Analysis pg sensitivity (Prokaryote)

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Chip Information:

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



Assay Class: Prokaryote Total RNA Pico
Data Path: D:\...rokaryote Total RNA Pico_DE24802235_2011-03-22_16-48-38.xad

Created: 3/22/2011 4:48:38 PM
Modified: 3/22/2011 5:07:31 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
O2 to N2 01		✓		
O2 to N2 02		✓		
O2 to N2 03		✓		
O2 to N2 04		✓		
O2 to N2 05		✓		
O2 to N2 06		✓		
O2 to N2 07		✓		
O2 to N2 08		✓		

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

Assay Class: Prokaryote Total RNA Pico
Data Path: D:\...rokaryote Total RNA Pico_DE24802235_2011-03-22_16-48-38.xad

Created: 3/22/2011 4:48:38 PM
Modified: 3/22/2011 5:07:31 PM

Electrophoresis Assay Details

General Analysis Settings

Number of Available Sample and Ladder Wells (Max.) : 12

Minimum Visible Range [s] : 17

Maximum Visible Range [s] : 70

Start Analysis Time Range [s] : 18

End Analysis Time Range [s] : 69

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] : 18

Integration End Time [s] : 69

Slope Threshold : 0.6

Height Threshold [FU] : 0.5

Area Threshold : 0.2

Width Threshold [s] : 0.3

Baseline Plateau [s] : 6

Filter Settings

Filter Width [s] : 0.5

Polynomial Order : 4

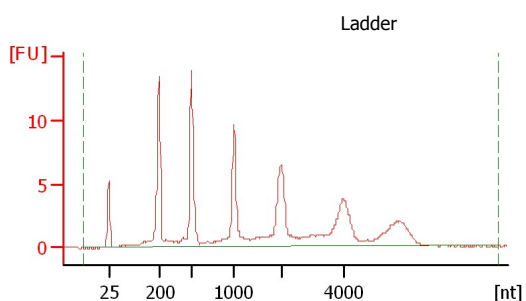
Ladder

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

Assay Class: Prokaryote Total RNA Pico
 Data Path: D:\...rokaryote Total RNA Pico_DE24802235_2011-03-22_16-48-38.xad

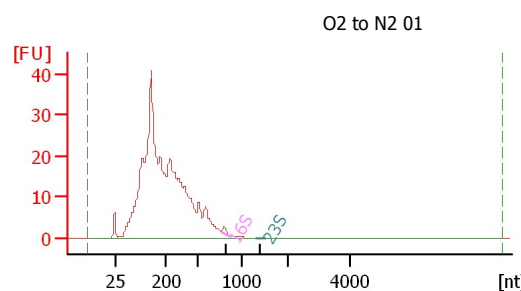
Created: 3/22/2011 4:48:38 PM
 Modified: 3/22/2011 5:07:31 PM

Electropherogram Summary



Overall Results for Ladder

RNA Area: 131.0
 RNA Concentration: 1,000 pg/μl

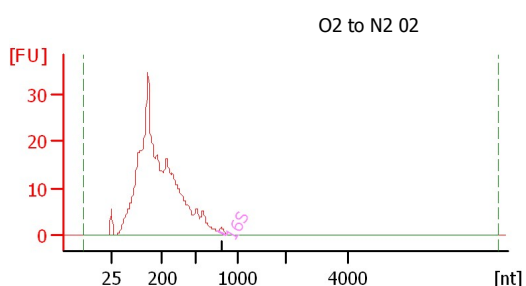


Overall Results for sample 1 : O2 to N2 01

RNA Area: 500.6
 RNA Concentration: 3,821 pg/μl
 rRNA Ratio [23s / 16s]: 0.1
 RNA Integrity Number (RIN): 2.2 (B.02.07)

Fragment table for sample 1 : O2 to N2 01

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
16S	768	860	2.0	0.4
23S	1,310	1,520	0.2	0.0

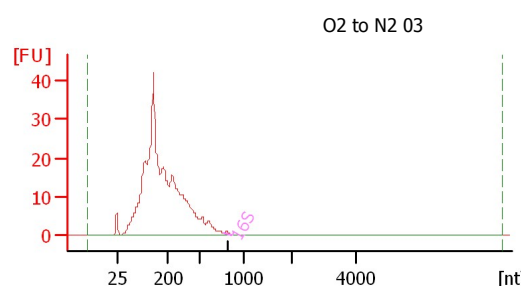


Overall Results for sample 2 : O2 to N2 02

RNA Area: 421.3
 RNA Concentration: 3,215 pg/μl
 rRNA Ratio [23s / 16s]: 0.0
 RNA Integrity Number (RIN): 2.3 (B.02.07)

Fragment table for sample 2 : O2 to N2 02

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
16S	763	864	1.6	0.4



Overall Results for sample 3 : O2 to N2 03

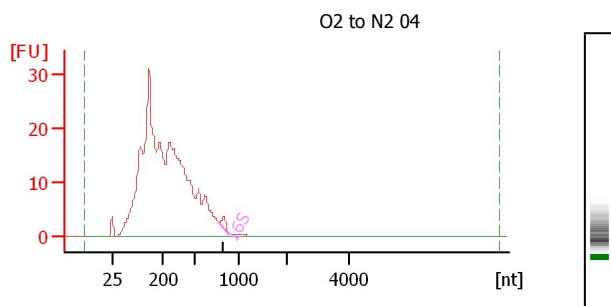
RNA Area: 420.6
 RNA Concentration: 3,210 pg/μl
 rRNA Ratio [23s / 16s]: 0.0
 RNA Integrity Number (RIN): 2.2 (B.02.07)

Fragment table for sample 3 : O2 to N2 03

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
16S	764	860	0.6	0.1

Assay Class: Prokaryote Total RNA Pico
Data Path: D:\...rokaryote Total RNA Pico_DE24802235_2011-03-22_16-48-38.xad

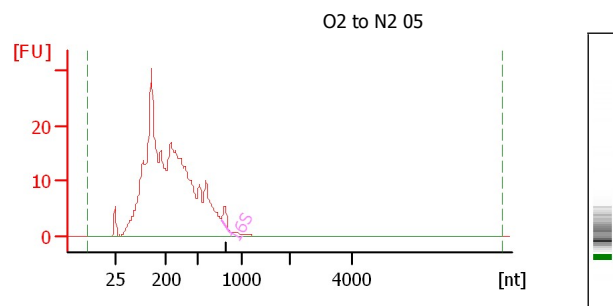
Created: 3/22/2011 4:48:38 PM
Modified: 3/22/2011 5:07:31 PM

Electropherogram Summary Continued ...**Overall Results for sample 4 : O2 to N2 04**

RNA Area: 460.4
RNA Concentration: 3,514 pg/μl
rRNA Ratio [23s / 16s]: 0.0
RNA Integrity Number (RIN): 2.2 (B.02.07)

Fragment table for sample 4 : O2 to N2 04

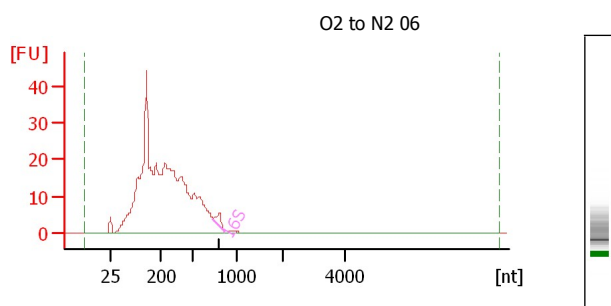
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
16S	780	891	3.3	0.7

**Overall Results for sample 5 : O2 to N2 05**

RNA Area: 434.4
RNA Concentration: 3,315 pg/μl
rRNA Ratio [23s / 16s]: 0.0
RNA Integrity Number (RIN): 2.3 (B.02.07)

Fragment table for sample 5 : O2 to N2 05

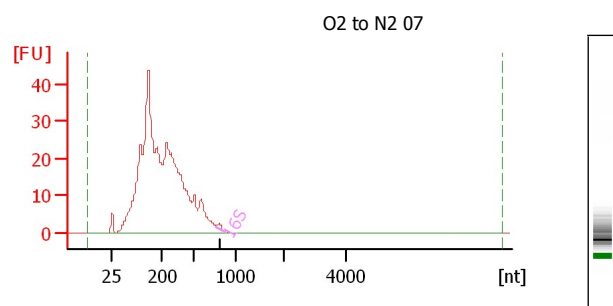
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
16S	765	857	4.3	1.0

**Overall Results for sample 6 : O2 to N2 06**

RNA Area: 520.7
RNA Concentration: 3,974 pg/μl
rRNA Ratio [23s / 16s]: 0.0
RNA Integrity Number (RIN): 2.2 (B.02.07)

Fragment table for sample 6 : O2 to N2 06

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
16S	737	859	5.7	1.1

**Overall Results for sample 7 : O2 to N2 07**

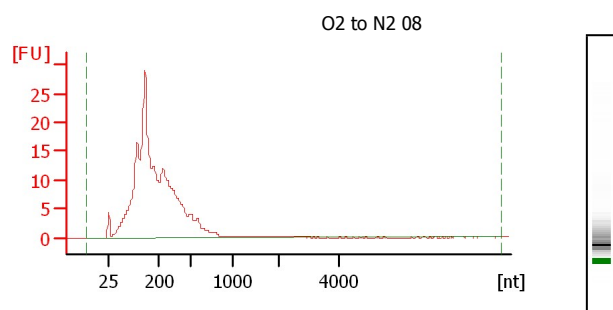
RNA Area: 583.5
RNA Concentration: 4,453 pg/μl
rRNA Ratio [23s / 16s]: 0.0
RNA Integrity Number (RIN): 2.1 (B.02.07)

Fragment table for sample 7 : O2 to N2 07

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
16S	760	848	1.7	0.3

Assay Class: Prokaryote Total RNA Pico
Data Path: D:\...rokaryote Total RNA Pico_DE24802235_2011-03-22_16-48-38.xad

Created: 3/22/2011 4:48:38 PM
Modified: 3/22/2011 5:07:31 PM

Electropherogram Summary Continued ...**Overall Results for sample 8 : O2 to N2 08**

RNA Area: 324.9
RNA Concentration: 2,480 pg/ μ l
rRNA Ratio [23s / 16s]: 0.0
RNA Integrity Number (RIN): 2.1 (B.02.07)

Assay Class: Prokaryote Total RNA Pico
Data Path: D:\...rokaryote Total RNA Pico_DE24802235_2011-03-22_16-48-38.xad

Created: 3/22/2011 4:48:38 PM
Modified: 3/22/2011 5:07:31 PM

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