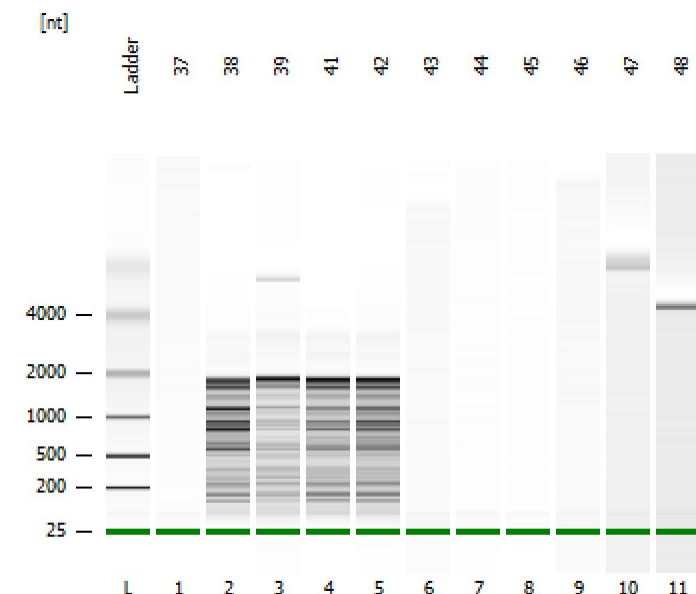


Assay Class: Prokaryote Total RNA Pico
Data Path: C:\...rokaryote Total RNA Pico_DE20901668_2016-01-28_11-32-33.xad

Created: 1/28/2016 11:32:33 AM
Modified: 1/29/2016 3:20:28 PM

Electrophoresis File Run Summary



Instrument Information:

Instrument Name: Bioanalyzer
Serial#: DE20901668
Firmware: C.01.069
Type: G2938B

Assay Information:

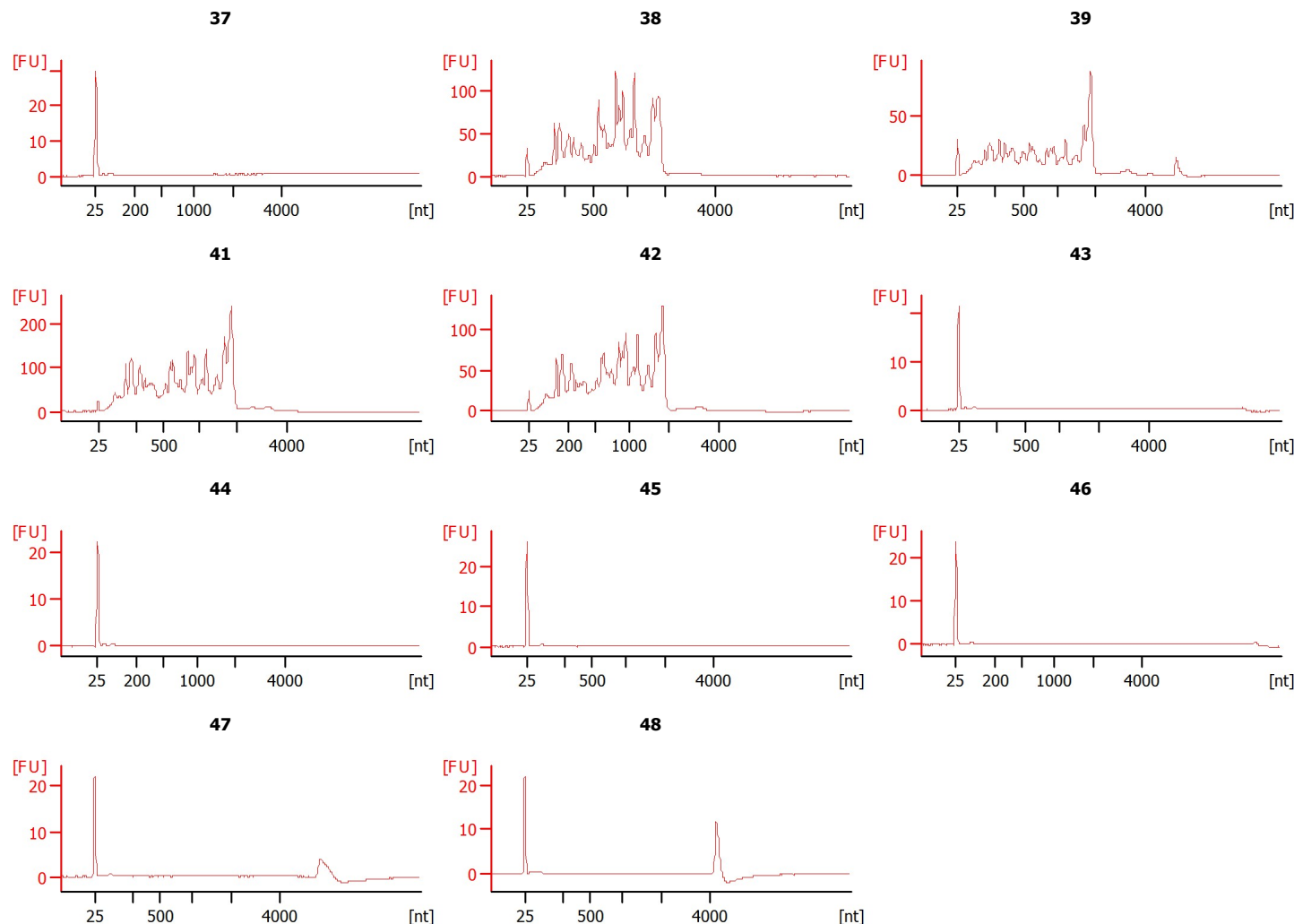
Assay Origin Path: C:\Program Files (x86)\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\Prokaryote Total RNA Pico Series II.xsy

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: C:\...rokaryote Total RNA Pico_DE20901668_2016-01-28_11-32-33.xad

Created: 1/28/2016 11:32:33 AM
 Modified: 1/29/2016 3:20:28 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
37		✓		
38		✓		
39		✓		
41		✓		
42		✓		
43		✓		
44		✓		
45		✓		
46		✓		
47		✓		
48		✓		
Ladder		✓		

Chip Lot #

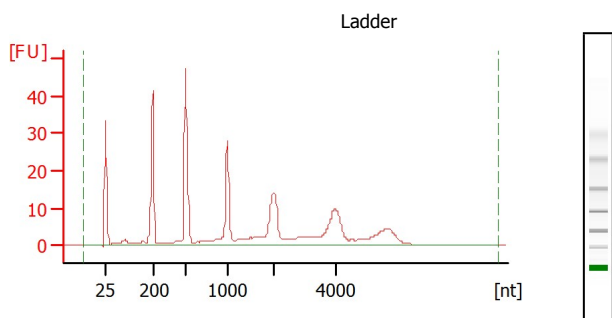
Reagent Kit Lot #

Chip Comments :

Assay Class: Prokaryote Total RNA Pico
Data Path: C:\...rokaryote Total RNA Pico_DE20901668_2016-01-28_11-32-33.xad

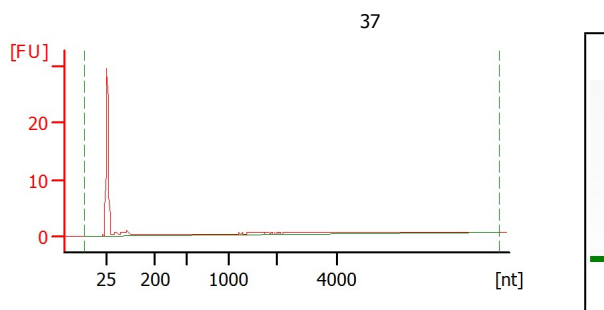
Created: 1/28/2016 11:32:33 AM
Modified: 1/29/2016 3:20:28 PM

Electropherogram Summary



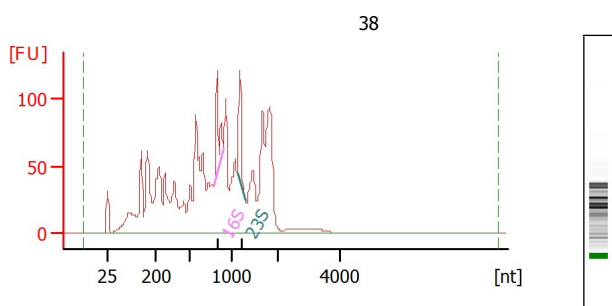
Overall Results for Ladder

RNA Area: 325.0
RNA Concentration: 1,000 pg/μl



Overall Results for sample 1 : 37

RNA Area: 20.7
RNA Concentration: 64 pg/μl
rRNA Ratio [23s / 16s]: 0.0
RNA Integrity Number (RIN): 1 (B.02.08)

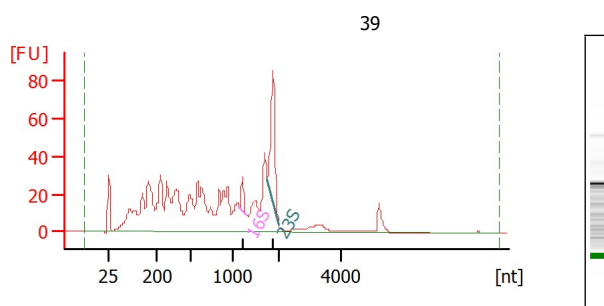


Overall Results for sample 2 : 38

RNA Area: 2,276.7
RNA Concentration: 7,004 pg/μl
rRNA Ratio [23s / 16s]: 0.9
RNA Integrity Number (RIN): 4.2 (B.02.08)

Fragment table for sample 2 : 38

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
16S	803	908	80.7	3.5
23S	1,130	1,315	76.3	3.4



Overall Results for sample 3 : 39

RNA Area: 1,069.5
RNA Concentration: 3,290 pg/μl
rRNA Ratio [23s / 16s]: 5.9
RNA Integrity Number (RIN): 4.3 (B.02.08)

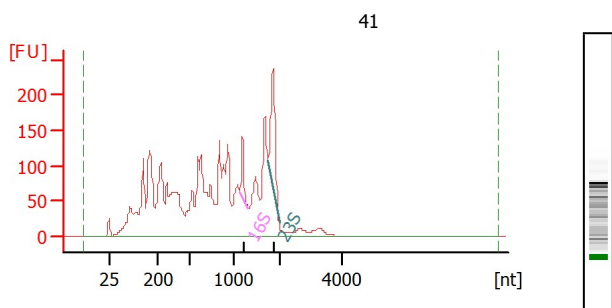
Fragment table for sample 3 : 39

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
16S	1,165	1,324	16.1	1.5
23S	1,748	1,995	94.7	8.9

Assay Class: Prokaryote Total RNA Pico
Data Path: C:\...rokaryote Total RNA Pico_DE20901668_2016-01-28_11-32-33.xad

Created: 1/28/2016 11:32:33 AM
Modified: 1/29/2016 3:20:28 PM

Electropherogram Summary Continued ...



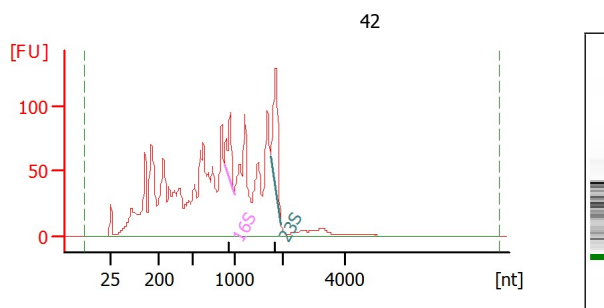
Overall Results for sample 4 : 41

RNA Area: 4,033.5
RNA Concentration: 12,409 pg/μl
rRNA Ratio [23s / 16s]: 3.3
RNA Integrity Number (RIN): 4 (B.02.08)

Fragment table for sample 4 : 41

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
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16S	1,147	1,331	74.5	1.8
23S	1,734	1,962	244.6	6.1



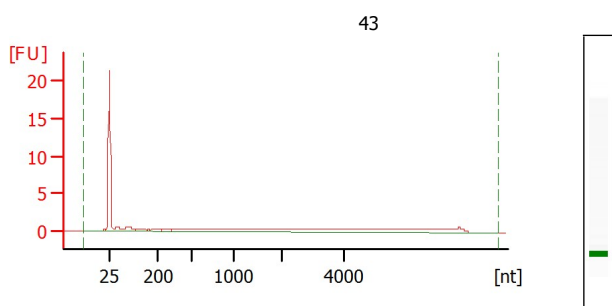
Overall Results for sample 5 : 42

RNA Area: 2,486.2
RNA Concentration: 7,649 pg/μl
rRNA Ratio [23s / 16s]: 1.6
RNA Integrity Number (RIN): 4.2 (B.02.08)

Fragment table for sample 5 : 42

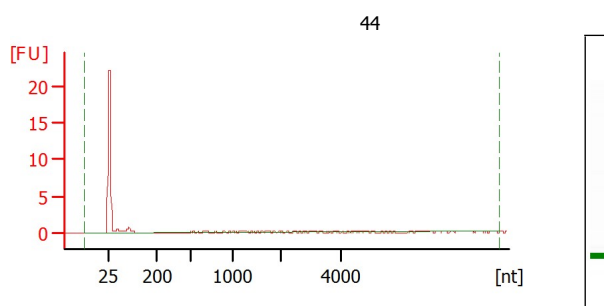
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
------	-----------------	---------------	------	-----------------

16S	863	982	82.2	3.3
23S	1,728	1,955	134.6	5.4



Overall Results for sample 6 : 43

RNA Area: 30.3
RNA Concentration: 93 pg/μl
rRNA Ratio [23s / 16s]: 0.0
RNA Integrity Number (RIN): 1 (B.02.08)



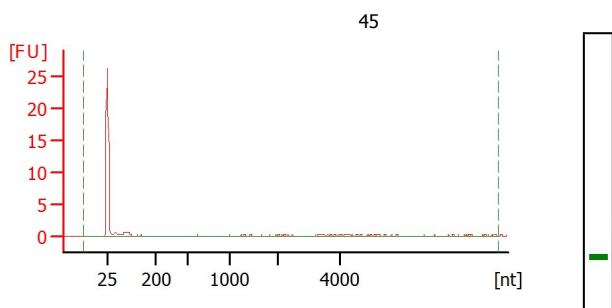
Overall Results for sample 7 : 44

RNA Area: 9.1
RNA Concentration: 28 pg/μl
rRNA Ratio [23s / 16s]: 0.0
RNA Integrity Number (RIN): 1 (B.02.08)

Assay Class: Prokaryote Total RNA Pico
Data Path: C:\...rokaryote Total RNA Pico_DE20901668_2016-01-28_11-32-33.xad

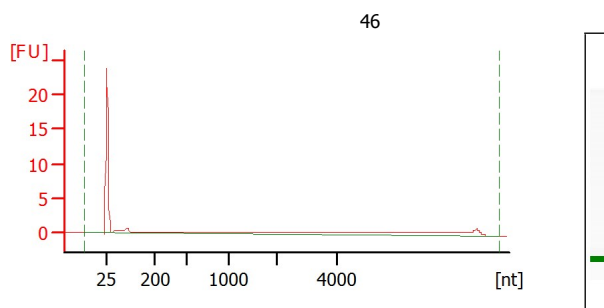
Created: 1/28/2016 11:32:33 AM
Modified: 1/29/2016 3:20:28 PM

Electropherogram Summary Continued ...



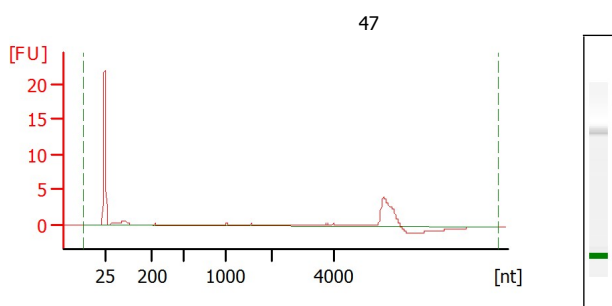
Overall Results for sample 8 : 45

RNA Area: 6.4
RNA Concentration: 20 pg/μl
rRNA Ratio [23s / 16s]: 0.0
RNA Integrity Number (RIN): 1 (B.02.08)



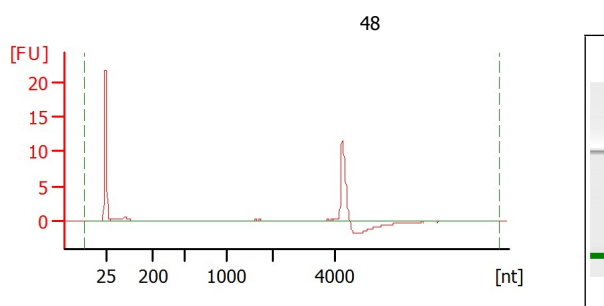
Overall Results for sample 9 : 46

RNA Area: 38.2
RNA Concentration: 118 pg/μl
rRNA Ratio [23s / 16s]: 0.0
RNA Integrity Number (RIN): 1 (B.02.08)



Overall Results for sample 10 : 47

RNA Area: 25.5
RNA Concentration: 79 pg/μl
rRNA Ratio [23s / 16s]: 0.0
RNA Integrity Number (RIN): 1 (B.02.08)



Overall Results for sample 11 : 48

RNA Area: 23.0
RNA Concentration: 71 pg/μl
rRNA Ratio [23s / 16s]: 0.0
RNA Integrity Number (RIN): 1 (B.02.08, Anomaly Threshold(s) manually adapted)