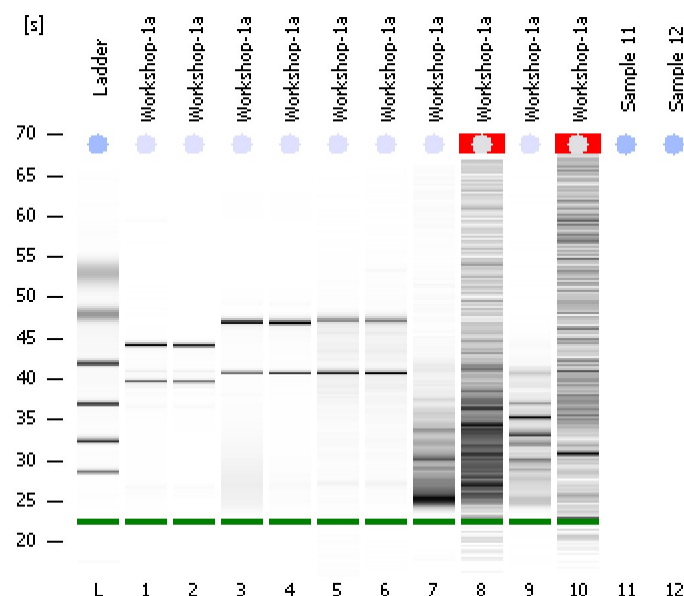


Assay Class: EukaryoteTotal RNA Nano
Data Path: C:\..._EukaryoteTotal RNA Nano_DE24802235_2009-03-27_14-24-43.xad

Created: 3/27/2009 2:24:43 PM
Modified: 3/30/2009 8:29:33 PM

Electrophoresis File Run SummaryInstrument Information:

Instrument Name: Ann's baby

Firmware: C.01.069

Serial#: DE24802235

Type: G2938B

Assay Information:

Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\Eukaryote Total RNA Nano Series II.xsy

Title: Eukaryote Total RNA Nano Series II

Version: 2.5

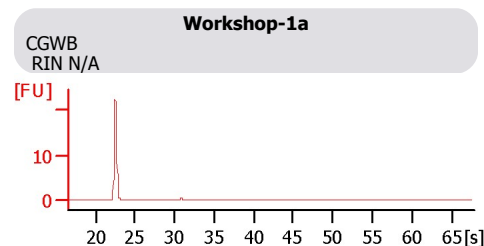
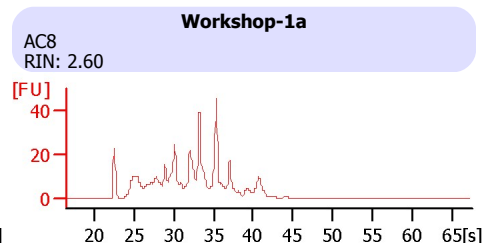
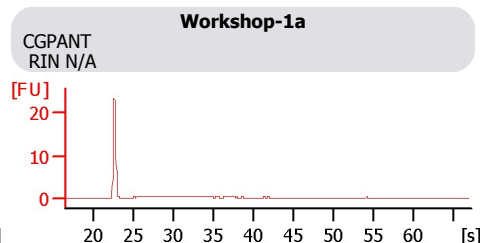
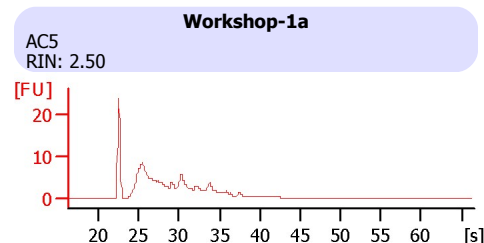
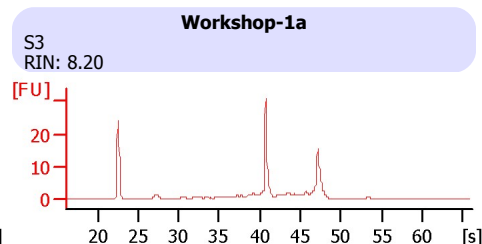
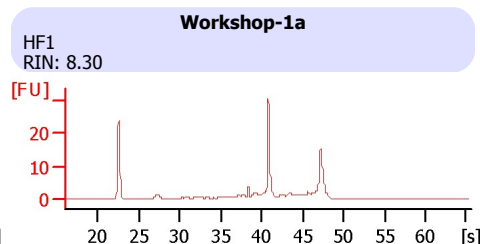
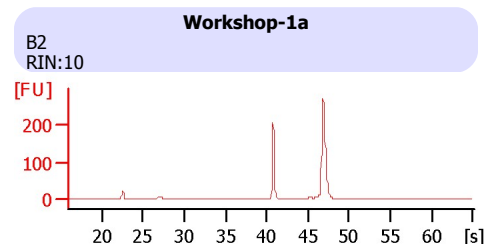
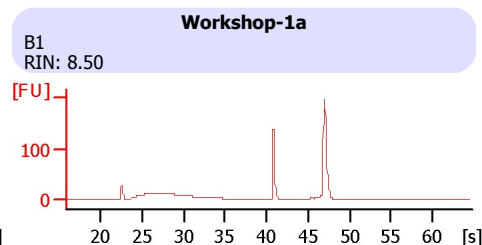
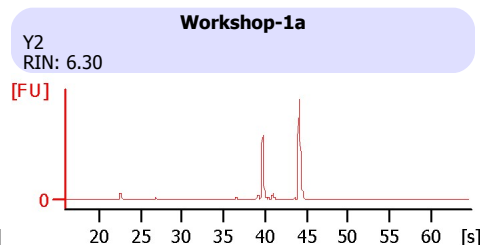
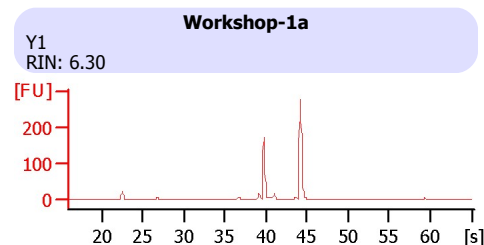
Assay Comments: Copyright © 2003-2006 Agilent Technologies

Chip Information:

Chip Lot:

Reagent Kit Lot:

Chip Comments:



Assay Class: EukaryoteTotal RNA Nano
Data Path: C:\...\EukaryoteTotal RNA Nano_DE24802235_2009-03-27_14-24-43.xad

Created: 3/27/2009 2:24:43 PM
Modified: 3/30/2009 8:29:33 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
Workshop-1a	Y1	✓	RIN: 6.30	
Workshop-1a	Y2	✓	RIN: 6.30	
Workshop-1a	B1	✓	RIN: 8.50	
Workshop-1a	B2	✓	RIN:10	
Workshop-1a	HF1	✓	RIN: 8.30	
Workshop-1a	S3	✓	RIN: 8.20	
Workshop-1a	AC5	✓	RIN: 2.50	
Workshop-1a	CGPANT	✓	RIN N/A	
Workshop-1a	AC8	✓	RIN: 2.60	
Workshop-1a	CGWB	✓	RIN N/A	
Sample 11				
Sample 12				

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

Assay Class: EukaryoteTotal RNA Nano
Data Path: C:\...\EukaryoteTotal RNA Nano_DE24802235_2009-03-27_14-24-43.xad

Created: 3/27/2009 2:24:43 PM
Modified: 3/30/2009 8:29:33 PM

Electrophoresis Assay Details

General Analysis Settings

Number of Available Sample and Ladder Wells (Max.) : 13
Minimum Visible Range [s] : 17
Maximum Visible Range [s] : 70
Start Analysis Time Range [s] : 19
End Analysis Time Range [s] : 69
Ladder Concentration [ng/ μ l] : 150
Lower Marker Concentration [ng/ μ l] : 0
Upper Marker Concentration [ng/ 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] : 19
Integration End Time [s] : 69
Slope Threshold : 0.6
Height Threshold [FU] : 0.5
Area Threshold : 0.2
Width Threshold [s] : 0.5
Baseline Plateau [s] : 6

Filter Settings

Filter Width [s] : 0.5
Polynomial Order : 4

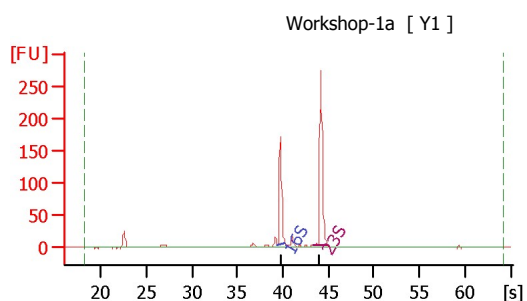
Ladder

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

Assay Class: EukaryoteTotal RNA Nano
Data Path: C:\...\EukaryoteTotal RNA Nano_DE24802235_2009-03-27_14-24-43.xad

Created: 3/27/2009 2:24:43 PM
Modified: 3/30/2009 8:29:33 PM

Electropherogram Summary

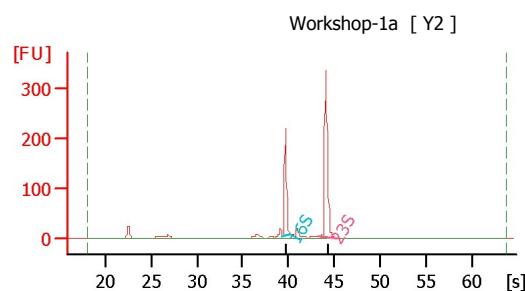


Overall Results for sample 1 : Workshop-1a

RNA Area: 500.6
RNA Concentration: 198 ng/μl
rRNA Ratio [28s / 18s]: 1.9
RNA Integrity Number (RIN): 6.3 (B.02.06, Anomaly Threshold(s) manually adapted)
Result Flagging Color:
Result Flagging Label: RIN: 6.30

Fragment table for sample 1 : Workshop-1a

Name	Start Time [s]	End Time [s]	Area	% of total Area
16S	39.41	40.30	118.2	23.6
23S	43.22	44.90	224.6	44.9

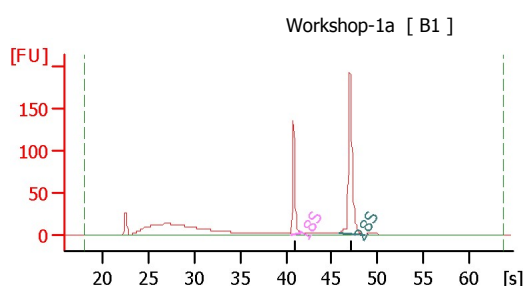


Overall Results for sample 2 : Workshop-1a

RNA Area: 595.8
RNA Concentration: 235 ng/μl
rRNA Ratio [28s / 18s]: 1.8
RNA Integrity Number (RIN): 6.3 (B.02.06, Anomaly Threshold(s) manually adapted)
Result Flagging Color:
Result Flagging Label: RIN: 6.30

Fragment table for sample 2 : Workshop-1a

Name	Start Time [s]	End Time [s]	Area	% of total Area
16S	39.39	40.28	151.6	25.5
23S	43.29	45.41	277.6	46.6

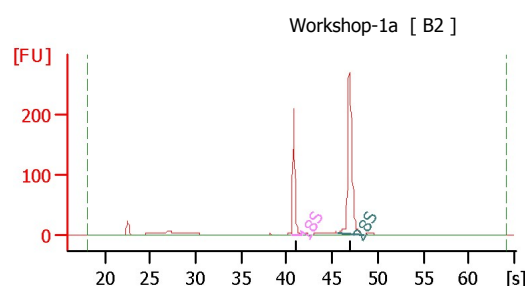


Overall Results for sample 3 : Workshop-1a

RNA Area: 738.9
RNA Concentration: 292 ng/μl
rRNA Ratio [28s / 18s]: 2.1
RNA Integrity Number (RIN): 8.5 (B.02.06)
Result Flagging Color:
Result Flagging Label: RIN: 8.50

Fragment table for sample 3 : Workshop-1a

Name	Start Time [s]	End Time [s]	Area	% of total Area
18S	40.56	41.63	94.3	12.8
28S	45.74	48.51	198.6	26.9



Overall Results for sample 4 : Workshop-1a

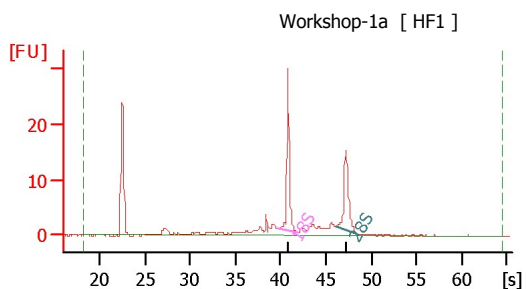
RNA Area: 641.8
RNA Concentration: 254 ng/μl
rRNA Ratio [28s / 18s]: 2.1
RNA Integrity Number (RIN): 10 (B.02.06)
Result Flagging Color:
Result Flagging Label: RIN: 10

Fragment table for sample 4 : Workshop-1a

Name	Start Time [s]	End Time [s]	Area	% of total Area
18S	40.49	41.56	143.3	22.3
28S	45.70	48.39	294.8	45.9

Assay Class: EukaryoteTotal RNA Nano
Data Path: C:\...\EukaryoteTotal RNA Nano_DE24802235_2009-03-27_14-24-43.xad

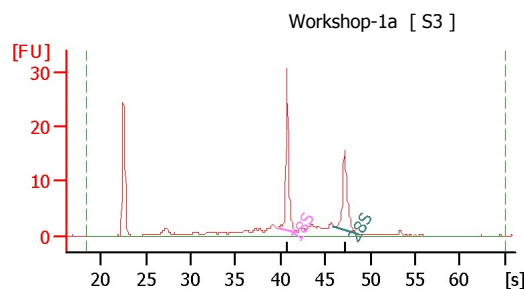
Created: 3/27/2009 2:24:43 PM
Modified: 3/30/2009 8:29:33 PM

Electropherogram Summary Continued ...**Overall Results for sample 5 : Workshop-1a**

RNA Area: 87.2
RNA Concentration: 34 ng/ μ l
rRNA Ratio [28s / 18s]: 0.8
RNA Integrity Number (RIN): 8.3 (B.02.06)
Result Flagging Color:
Result Flagging Label: RIN: 8.30

Fragment table for sample 5 : Workshop-1a

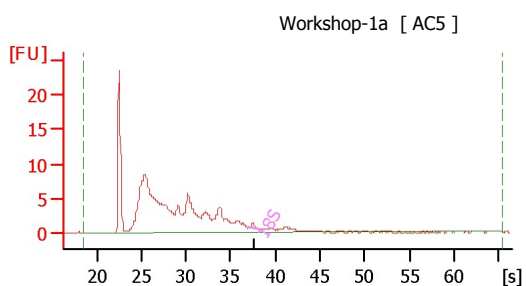
Name	Start Time [s]	End Time [s]	Area	% of total Area
18S	39.62	41.91	23.2	26.6
28S	46.08	48.51	17.9	20.5

**Overall Results for sample 6 : Workshop-1a**

RNA Area: 98.6
RNA Concentration: 39 ng/ μ l
rRNA Ratio [28s / 18s]: 0.8
RNA Integrity Number (RIN): 8.2 (B.02.06)
Result Flagging Color:
Result Flagging Label: RIN: 8.20

Fragment table for sample 6 : Workshop-1a

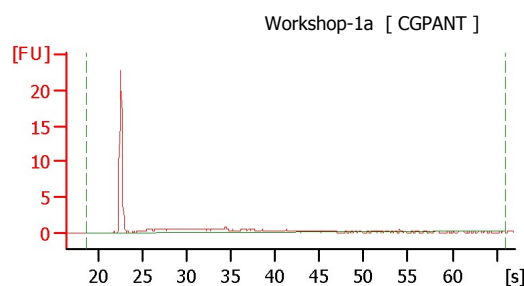
Name	Start Time [s]	End Time [s]	Area	% of total Area
18S	39.76	41.89	24.0	24.3
28S	45.94	48.77	18.4	18.6

**Overall Results for sample 7 : Workshop-1a**

RNA Area: 153.6
RNA Concentration: 61 ng/ μ l
rRNA Ratio [28s / 18s]: 0.0
RNA Integrity Number (RIN): 2.5 (B.02.06)
Result Flagging Color:
Result Flagging Label: RIN: 2.50

Fragment table for sample 7 : Workshop-1a

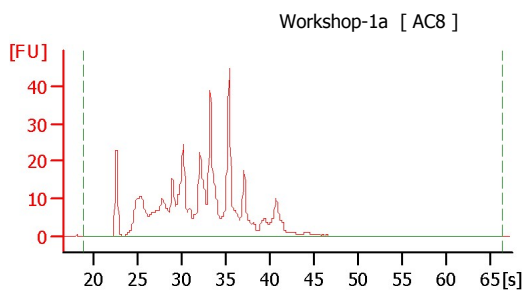
Name	Start Time [s]	End Time [s]	Area	% of total Area
18S	37.03	38.16	0.9	0.6

**Overall Results for sample 8 : Workshop-1a**

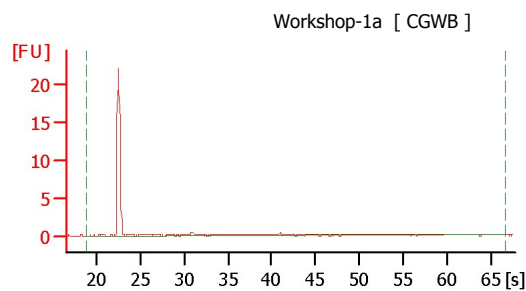
RNA Area: 24.9
RNA Concentration: 10 ng/ μ l
rRNA Ratio [28s / 18s]: 0.0
RNA Integrity Number (RIN): N/A (B.02.06)
Result Flagging Color:
Result Flagging Label: RIN N/A

Assay Class: EukaryoteTotal RNA Nano
Data Path: C:\...\EukaryoteTotal RNA Nano_DE24802235_2009-03-27_14-24-43.xad

Created: 3/27/2009 2:24:43 PM
Modified: 3/30/2009 8:29:33 PM

Electropherogram Summary Continued ...**Overall Results for sample 9 : Workshop-1a**

RNA Area: 510.8
RNA Concentration: 202 ng/μl
rRNA Ratio [28s / 18s]: 0.0
RNA Integrity Number (RIN): 2.6 (B.02.06)
Result Flagging Color:
Result Flagging Label: RIN: 2.60

**Overall Results for sample 10 : Workshop-1a**

RNA Area: 11.9
RNA Concentration: 5 ng/μl
rRNA Ratio [28s / 18s]: 0.0
RNA Integrity Number (RIN): N/A (B.02.06)
Result Flagging Color:
Result Flagging Label: RIN N/A

Assay Class: EukaryoteTotal RNA Nano
Data Path: C:\...\EukaryoteTotal RNA Nano_DE24802235_2009-03-27_14-24-43.xad

Created: 3/27/2009 2:24:43 PM
Modified: 3/30/2009 8:29:33 PM

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