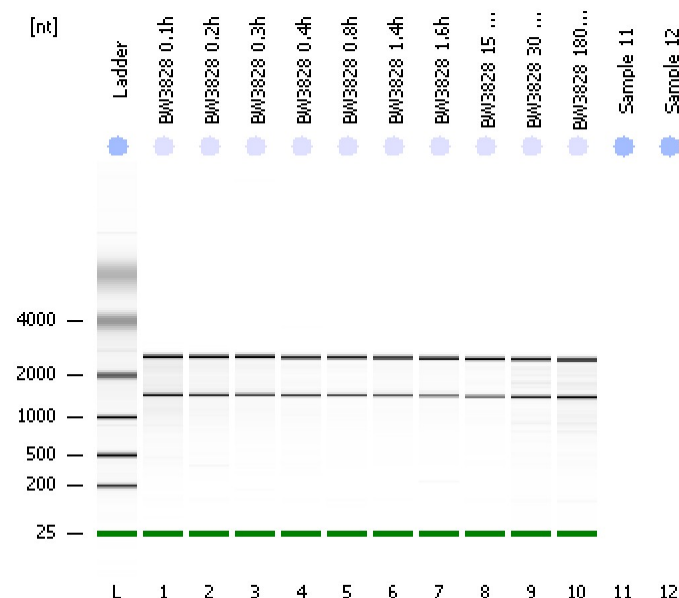


Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2010-07-15_17-05-33.xad

Created: 7/15/2010 5:05:33 PM
Modified: 7/15/2010 5:26:54 PM

Electrophoresis File Run SummaryInstrument 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\Eukaryote Total RNA Nano Series II.xsy

Assay Class: Eukaryote Total RNA Nano

Version: 2.6

Assay Comments: Total RNA Analysis ng sensitivity (Eukaryote)

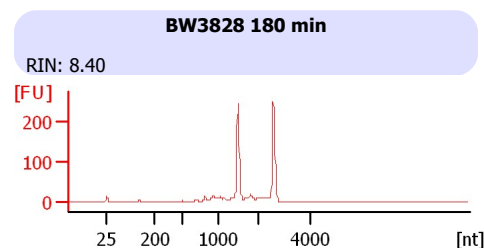
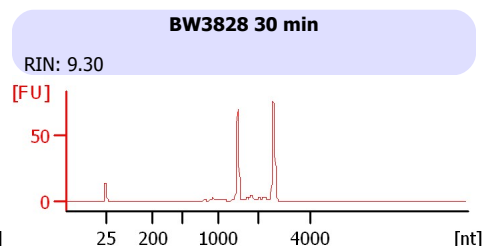
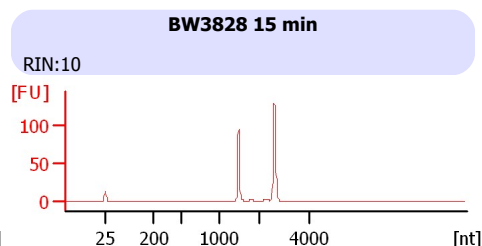
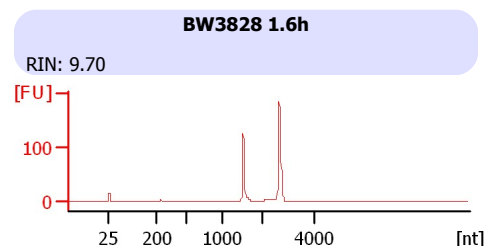
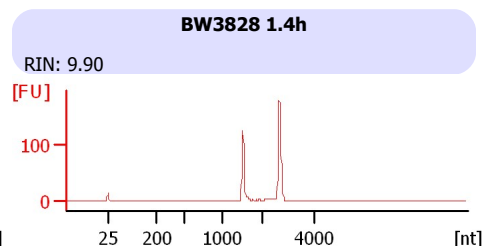
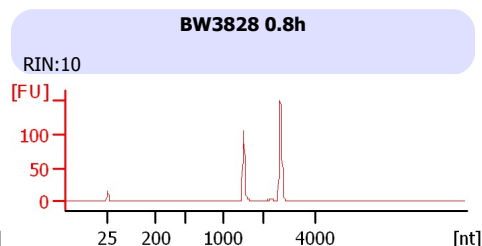
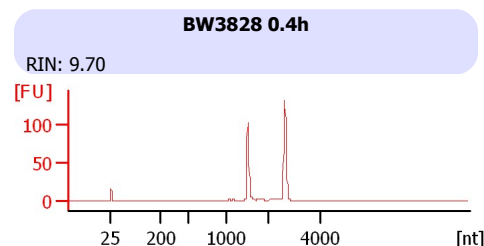
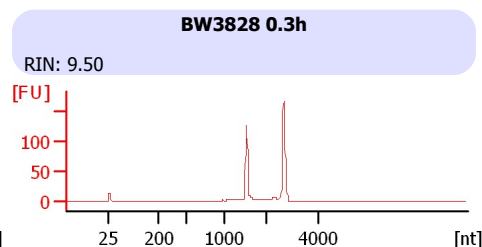
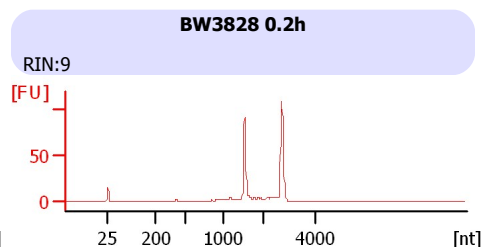
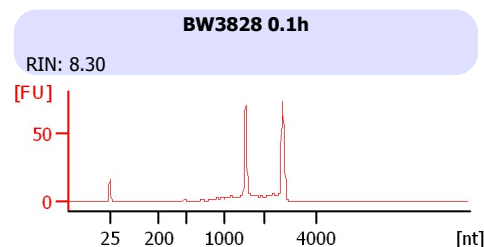
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Chip Information:

Chip Lot #:

Reagent Kit Lot #:

Chip Comments:



Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2010-07-15_17-05-33.xad

Created: 7/15/2010 5:05:33 PM
Modified: 7/15/2010 5:26:54 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
BW3828 0.1h		✓	RIN: 8.30	
BW3828 0.2h		✓	RIN:9	
BW3828 0.3h		✓	RIN: 9.50	
BW3828 0.4h		✓	RIN: 9.70	
BW3828 0.8h		✓	RIN:10	
BW3828 1.4h		✓	RIN: 9.90	
BW3828 1.6h		✓	RIN: 9.70	
BW3828 15 min		✓	RIN:10	
BW3828 30 min		✓	RIN: 9.30	
BW3828 180 min		✓	RIN: 8.40	
Sample 11				
Sample 12				

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

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2010-07-15_17-05-33.xad

Created: 7/15/2010 5:05:33 PM
Modified: 7/15/2010 5:26:54 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

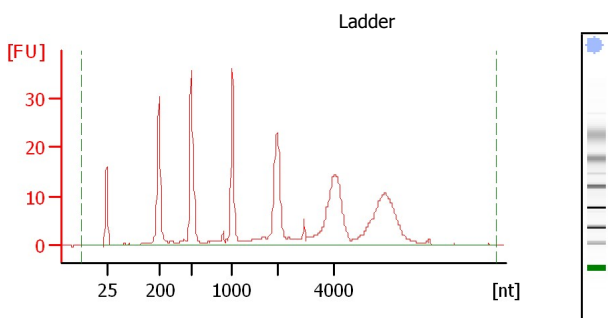
Ladder

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

Assay Class: Eukaryote Total RNA Nano
 Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2010-07-15_17-05-33.xad

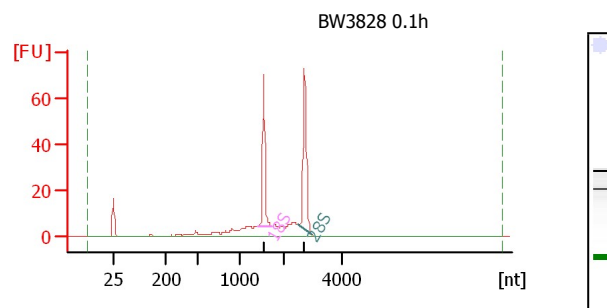
Created: 7/15/2010 5:05:33 PM
 Modified: 7/15/2010 5:26:54 PM

Electropherogram Summary



Overall Results for Ladder

RNA Area: 359.2
 RNA Concentration: 150 ng/μl
 Result Flagging Color:
 Result Flagging Label: All Other Samples

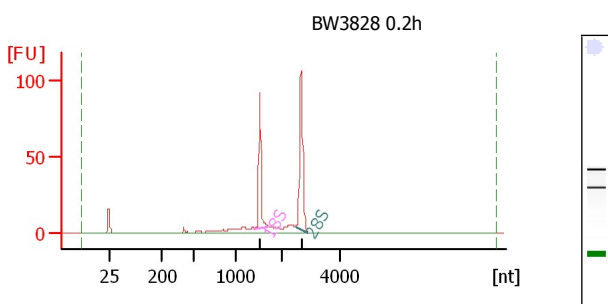


Overall Results for sample 1 : BW3828 0.1h

RNA Area: 252.1
 RNA Concentration: 105 ng/μl
 rRNA Ratio [28s / 18s]: 1.2
 RNA Integrity Number (RIN): 8.3 (B.02.07)
 Result Flagging Color:
 Result Flagging Label: RIN: 8.30

Fragment table for sample 1 : BW3828 0.1h

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,391	1,710	56.4	22.4
28S	2,467	2,962	69.0	27.4

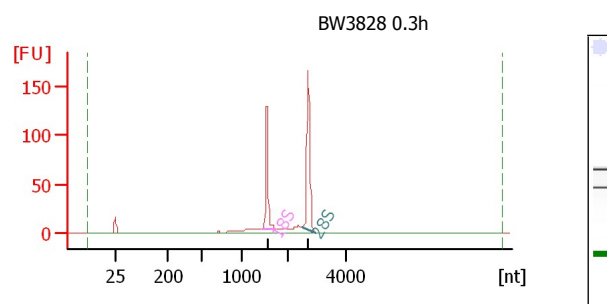


Overall Results for sample 2 : BW3828 0.2h

RNA Area: 285.3
 RNA Concentration: 119 ng/μl
 rRNA Ratio [28s / 18s]: 1.4
 RNA Integrity Number (RIN): 9 (B.02.07)
 Result Flagging Color:
 Result Flagging Label: RIN: 9

Fragment table for sample 2 : BW3828 0.2h

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,407	1,724	71.3	25.0
28S	2,497	2,959	98.5	34.5



Overall Results for sample 3 : BW3828 0.3h

RNA Area: 389.7
 RNA Concentration: 163 ng/μl
 rRNA Ratio [28s / 18s]: 1.5
 RNA Integrity Number (RIN): 9.5 (B.02.07)
 Result Flagging Color:
 Result Flagging Label: RIN: 9.50

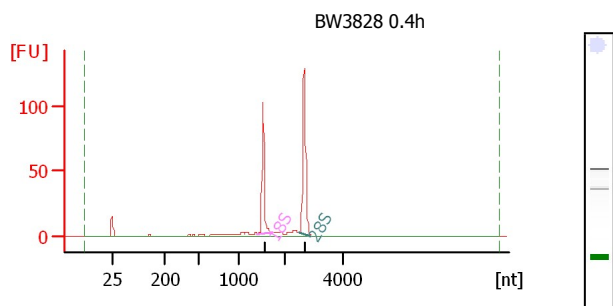
Fragment table for sample 3 : BW3828 0.3h

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,418	1,726	103.8	26.6
28S	2,498	2,959	154.9	39.8

Assay Class: Eukaryote Total RNA Nano
 Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2010-07-15_17-05-33.xad

Created: 7/15/2010 5:05:33 PM
 Modified: 7/15/2010 5:26:54 PM

Electropherogram Summary Continued ...

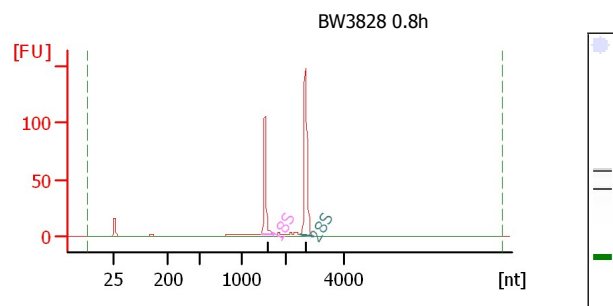


Overall Results for sample 4 : BW3828 0.4h

RNA Area: 269.8
 RNA Concentration: 113 ng/μl
 rRNA Ratio [28s / 18s]: 1.4
 RNA Integrity Number (RIN): 9.7 (B.02.07)
 Result Flagging Color:
 Result Flagging Label: RIN: 9.70

Fragment table for sample 4 : BW3828 0.4h

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,400	1,716	79.8	29.6
28S	2,469	2,930	111.7	41.4

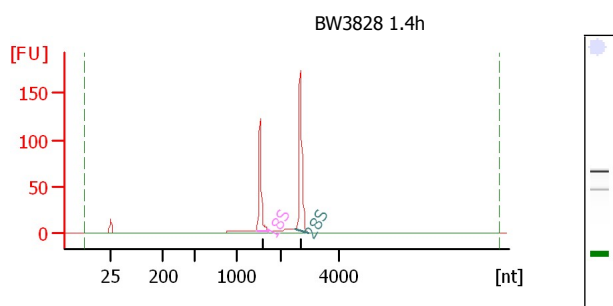


Overall Results for sample 5 : BW3828 0.8h

RNA Area: 280.3
 RNA Concentration: 117 ng/μl
 rRNA Ratio [28s / 18s]: 1.6
 RNA Integrity Number (RIN): 10 (B.02.07)
 Result Flagging Color:
 Result Flagging Label: RIN: 10

Fragment table for sample 5 : BW3828 0.8h

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,461	1,723	82.4	29.4
28S	2,468	2,946	128.4	45.8

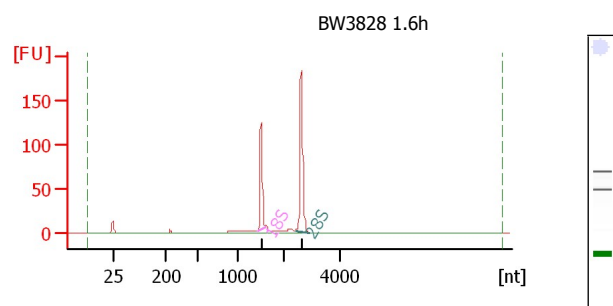


Overall Results for sample 6 : BW3828 1.4h

RNA Area: 346.9
 RNA Concentration: 145 ng/μl
 rRNA Ratio [28s / 18s]: 1.6
 RNA Integrity Number (RIN): 9.9 (B.02.07)
 Result Flagging Color:
 Result Flagging Label: RIN: 9.90

Fragment table for sample 6 : BW3828 1.4h

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,447	1,710	97.0	28.0
28S	2,453	2,918	154.5	44.5



Overall Results for sample 7 : BW3828 1.6h

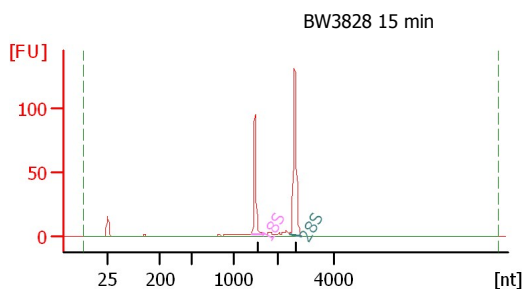
RNA Area: 355.8
 RNA Concentration: 149 ng/μl
 rRNA Ratio [28s / 18s]: 1.8
 RNA Integrity Number (RIN): 9.7 (B.02.07)
 Result Flagging Color:
 Result Flagging Label: RIN: 9.70

Fragment table for sample 7 : BW3828 1.6h

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,443	1,594	88.4	24.8
28S	2,437	2,905	162.0	45.5

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2010-07-15_17-05-33.xad

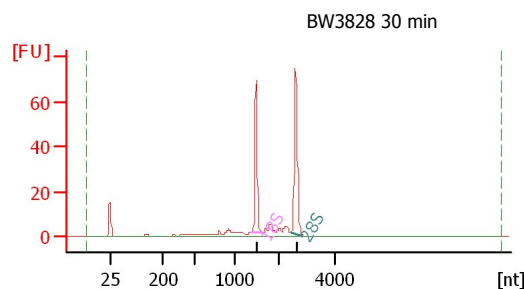
Created: 7/15/2010 5:05:33 PM
Modified: 7/15/2010 5:26:54 PM

Electropherogram Summary Continued ...**Overall Results for sample 8 : BW3828 15 min**

RNA Area: 241.0
RNA Concentration: 101 ng/μl
rRNA Ratio [28s / 18s]: 1.6
RNA Integrity Number (RIN): 10 (B.02.07)
Result Flagging Color:
Result Flagging Label: RIN:10

Fragment table for sample 8 : BW3828 15 min

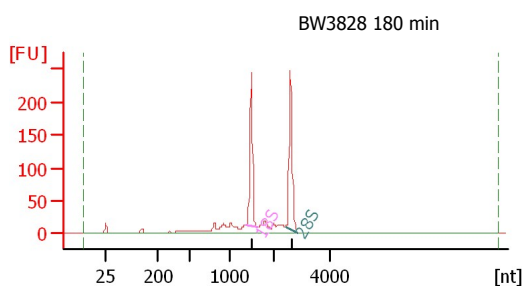
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,420	1,685	71.7	29.7
28S	2,422	2,876	111.2	46.1

**Overall Results for sample 9 : BW3828 30 min**

RNA Area: 191.2
RNA Concentration: 80 ng/μl
rRNA Ratio [28s / 18s]: 1.2
RNA Integrity Number (RIN): 9.3 (B.02.07)
Result Flagging Color:
Result Flagging Label: RIN: 9.30

Fragment table for sample 9 : BW3828 30 min

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,387	1,644	55.4	29.0
28S	2,406	2,863	66.2	34.6

**Overall Results for sample 10 : BW3828 180 min**

RNA Area: 830.5
RNA Concentration: 347 ng/μl
rRNA Ratio [28s / 18s]: 1.1
RNA Integrity Number (RIN): 8.4 (B.02.07)
Result Flagging Color:
Result Flagging Label: RIN: 8.40

Fragment table for sample 10 : BW3828 180 min

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,372	1,611	212.3	25.6
28S	2,390	2,834	235.4	28.3

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2010-07-15_17-05-33.xad

Created: 7/15/2010 5:05:33 PM
Modified: 7/15/2010 5:26:54 PM

Gel Image