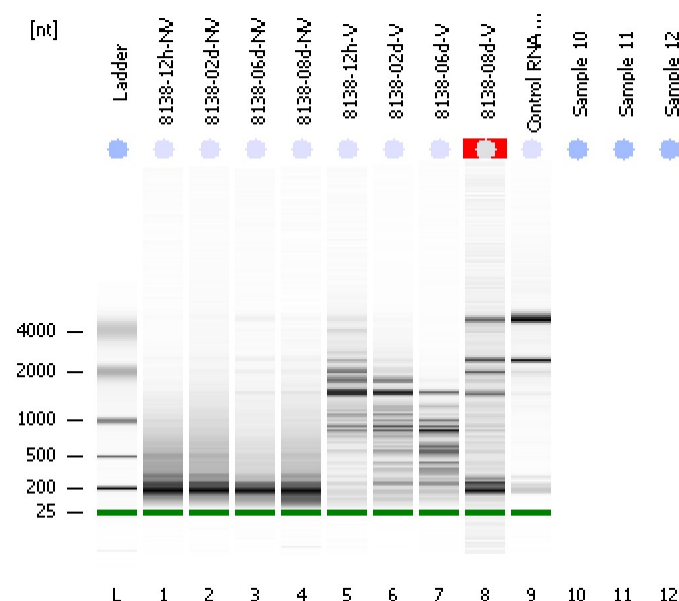


Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2010-09-22_18-27-08.xad

Created: 9/22/2010 6:27:08 PM
Modified: 9/22/2010 6:46:30 PM

Electrophoresis File Run SummaryInstrument Information:

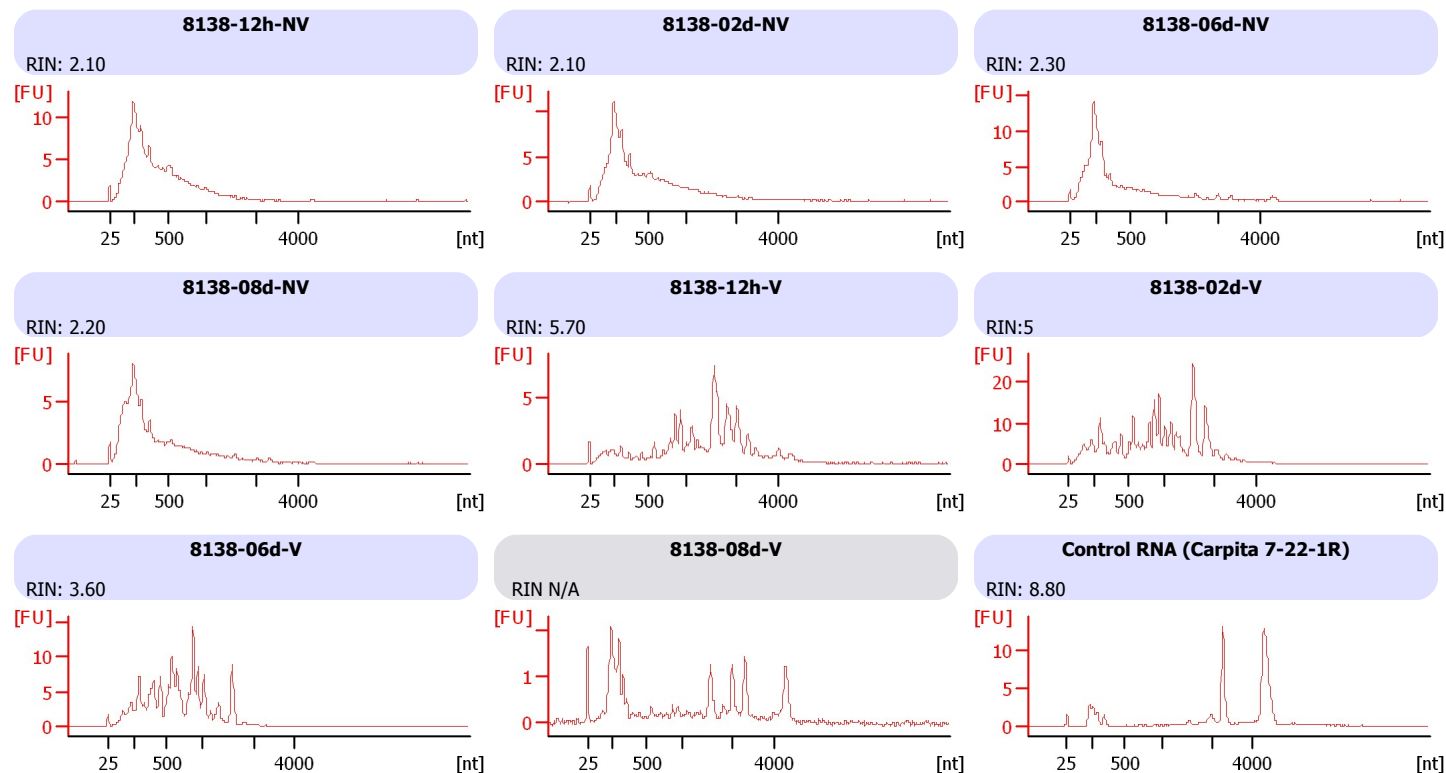
Instrument Name: Ann's baby Firmware: C.01.069
Serial#: DE24802235 Type: G2938B

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_2010-09-22_18-27-08.xad

Created: 9/22/2010 6:27:08 PM
Modified: 9/22/2010 6:46:30 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
8138-12h-NV		✓	RIN: 2.10	
8138-02d-NV		✓	RIN: 2.10	
8138-06d-NV		✓	RIN: 2.30	
8138-08d-NV		✓	RIN: 2.20	
8138-12h-V		✓	RIN: 5.70	
8138-02d-V		✓	RIN:5	
8138-06d-V		✓	RIN: 3.60	
8138-08d-V		✓	RIN N/A	
Control RNA (Carpita 7-22-1R)		✓	RIN: 8.80	
Sample 10				
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_2010-09-22_18-27-08.xad

Created: 9/22/2010 6:27:08 PM
Modified: 9/22/2010 6:46:30 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/μl] : 150

Lower Marker Concentration [ng/μl] : 0

Upper Marker Concentration [ng/μl] : 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

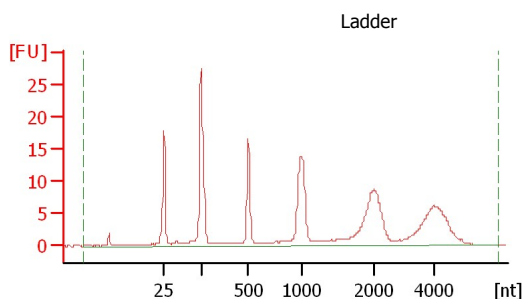
Ladder

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_2010-09-22_18-27-08.xad

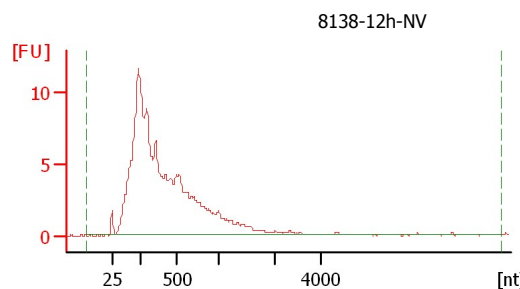
Created: 9/22/2010 6:27:08 PM
Modified: 9/22/2010 6:46:30 PM

Electropherogram Summary



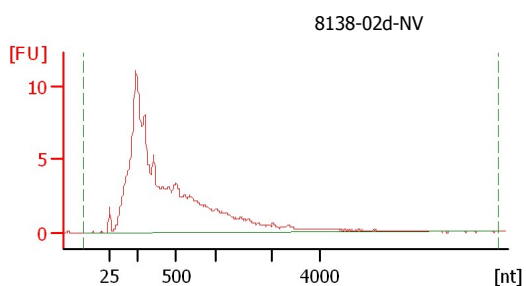
Overall Results for Ladder

RNA Area: 200.2
RNA Concentration: 150 ng/μl
Result Flagging Color:
Result Flagging Label: All Other Samples



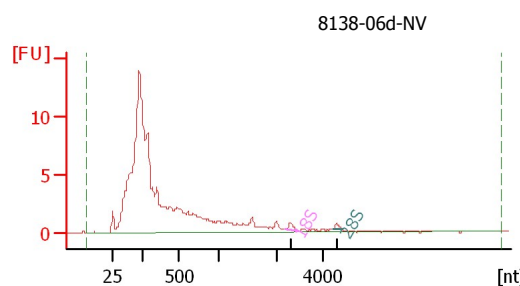
Overall Results for sample 1 : 8138-12h-NV

RNA Area: 192.6
RNA Concentration: 144 ng/μl
rRNA Ratio [28s / 18s]: 0.0
RNA Integrity Number (RIN): 2.1 (B.02.07)
Result Flagging Color:
Result Flagging Label: RIN: 2.10



Overall Results for sample 2 : 8138-02d-NV

RNA Area: 174.9
RNA Concentration: 131 ng/μl
rRNA Ratio [28s / 18s]: 0.0
RNA Integrity Number (RIN): 2.1 (B.02.07)
Result Flagging Color:
Result Flagging Label: RIN: 2.10



Overall Results for sample 3 : 8138-06d-NV

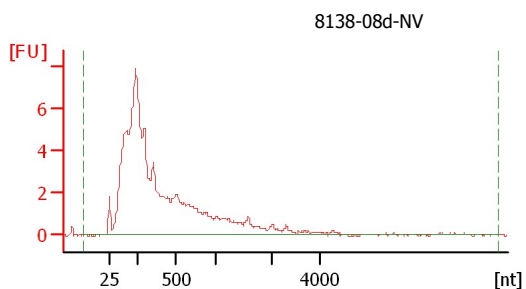
RNA Area: 166.6
RNA Concentration: 125 ng/μl
rRNA Ratio [28s / 18s]: 0.7
RNA Integrity Number (RIN): 2.3 (B.02.07)
Result Flagging Color:
Result Flagging Label: RIN: 2.30

Fragment table for sample 3 : 8138-06d-NV

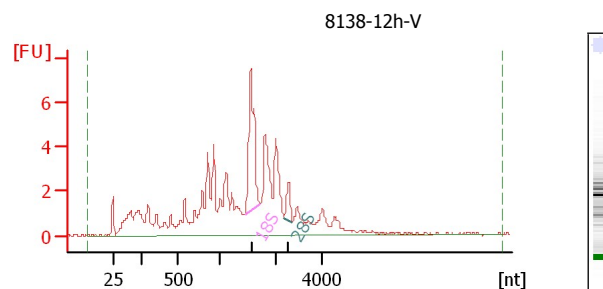
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	2,410	2,967	0.8	0.5
28S	4,458	4,835	0.6	0.3

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2010-09-22_18-27-08.xad

Created: 9/22/2010 6:27:08 PM
Modified: 9/22/2010 6:46:30 PM

Electropherogram Summary Continued ...**Overall Results for sample 4 : 8138-08d-NV**

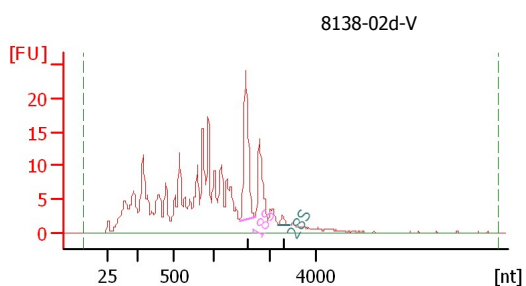
RNA Area: 125.8
RNA Concentration: 94 ng/μl
rRNA Ratio [28s / 18s]: 0.0
RNA Integrity Number (RIN): 2.2 (B.02.07)
Result Flagging Color:
Result Flagging Label: RIN: 2.20

**Overall Results for sample 5 : 8138-12h-V**

RNA Area: 103.9
RNA Concentration: 78 ng/μl
rRNA Ratio [28s / 18s]: 0.2
RNA Integrity Number (RIN): 5.7 (B.02.07)
Result Flagging Color:
Result Flagging Label: RIN: 5.70

Fragment table for sample 5 : 8138-12h-V

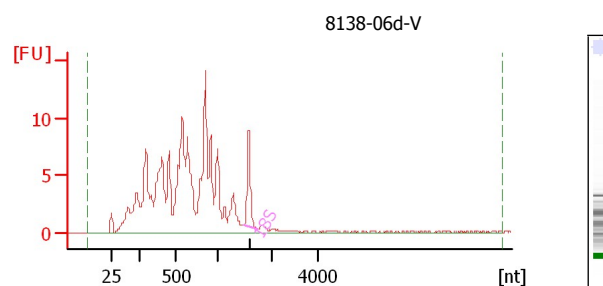
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,459	1,720	12.1	11.7
28S	2,352	2,731	1.8	1.8

**Overall Results for sample 6 : 8138-02d-V**

RNA Area: 355.2
RNA Concentration: 266 ng/μl
rRNA Ratio [28s / 18s]: 0.0
RNA Integrity Number (RIN): 5 (B.02.07)
Result Flagging Color:
Result Flagging Label: RIN: 5

Fragment table for sample 6 : 8138-02d-V

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,462	1,732	35.8	10.1
28S	2,367	2,838	1.5	0.4

**Overall Results for sample 7 : 8138-06d-V**

RNA Area: 200.2
RNA Concentration: 150 ng/μl
rRNA Ratio [28s / 18s]: 0.0
RNA Integrity Number (RIN): 3.6 (B.02.07)
Result Flagging Color:
Result Flagging Label: RIN: 3.60

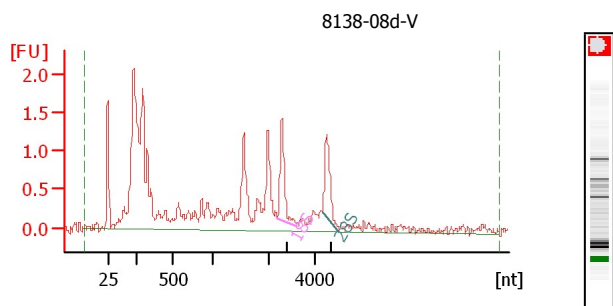
Fragment table for sample 7 : 8138-06d-V

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,473	1,736	10.1	5.0

Assay Class: Eukaryote Total RNA Nano
 Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2010-09-22_18-27-08.xad

Created: 9/22/2010 6:27:08 PM
 Modified: 9/22/2010 6:46:30 PM

Electropherogram Summary Continued ...

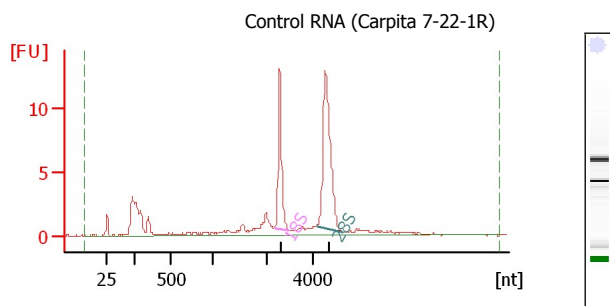


Overall Results for sample 8 : 8138-08d-V

RNA Area: 33.1
 RNA Concentration: 25 ng/μl
 rRNA Ratio [28s / 18s]: 0.9
 RNA Integrity Number (RIN): N/A (B.02.07)
 Result Flagging Color:
 Result Flagging Label: RIN N/A

Fragment table for sample 8 : 8138-08d-V

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	2,380	3,201	1.9	5.6
28S	4,314	5,063	1.6	5.0



Overall Results for sample 9 : Control RNA (Carpita 7-22-1R)

RNA Area: 82.4
 RNA Concentration: 62 ng/μl
 rRNA Ratio [28s / 18s]: 1.9
 RNA Integrity Number (RIN): 8.8 (B.02.07)
 Result Flagging Color:
 Result Flagging Label: RIN: 8.80

Fragment table for sample 9 : Control RNA (Carpita 7-22-1R)

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	2,303	2,945	13.7	16.6
28S	4,191	5,346	26.1	31.7

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2010-09-22_18-27-08.xad

Created: 9/22/2010 6:27:08 PM
Modified: 9/22/2010 6:46:30 PM

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