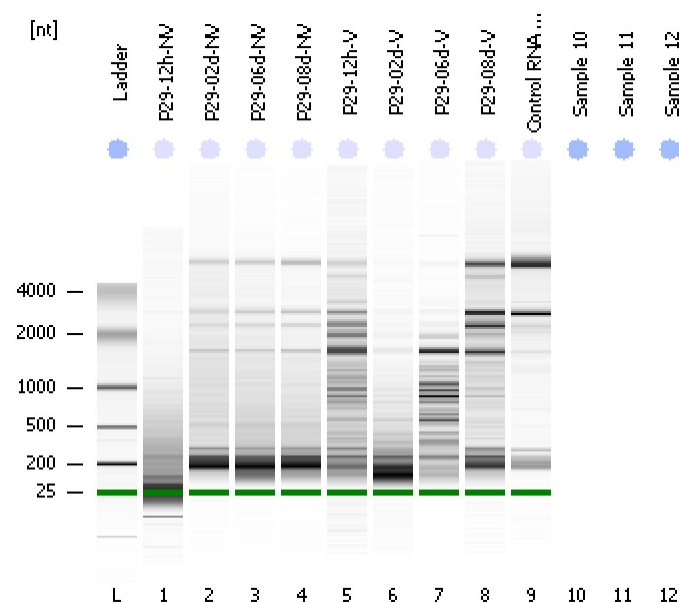


Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2010-09-22_17-29-04.xad

Created: 9/22/2010 5:29:04 PM
Modified: 9/22/2010 5:49:02 PM

Electrophoresis File Run Summary



Instrument Information:

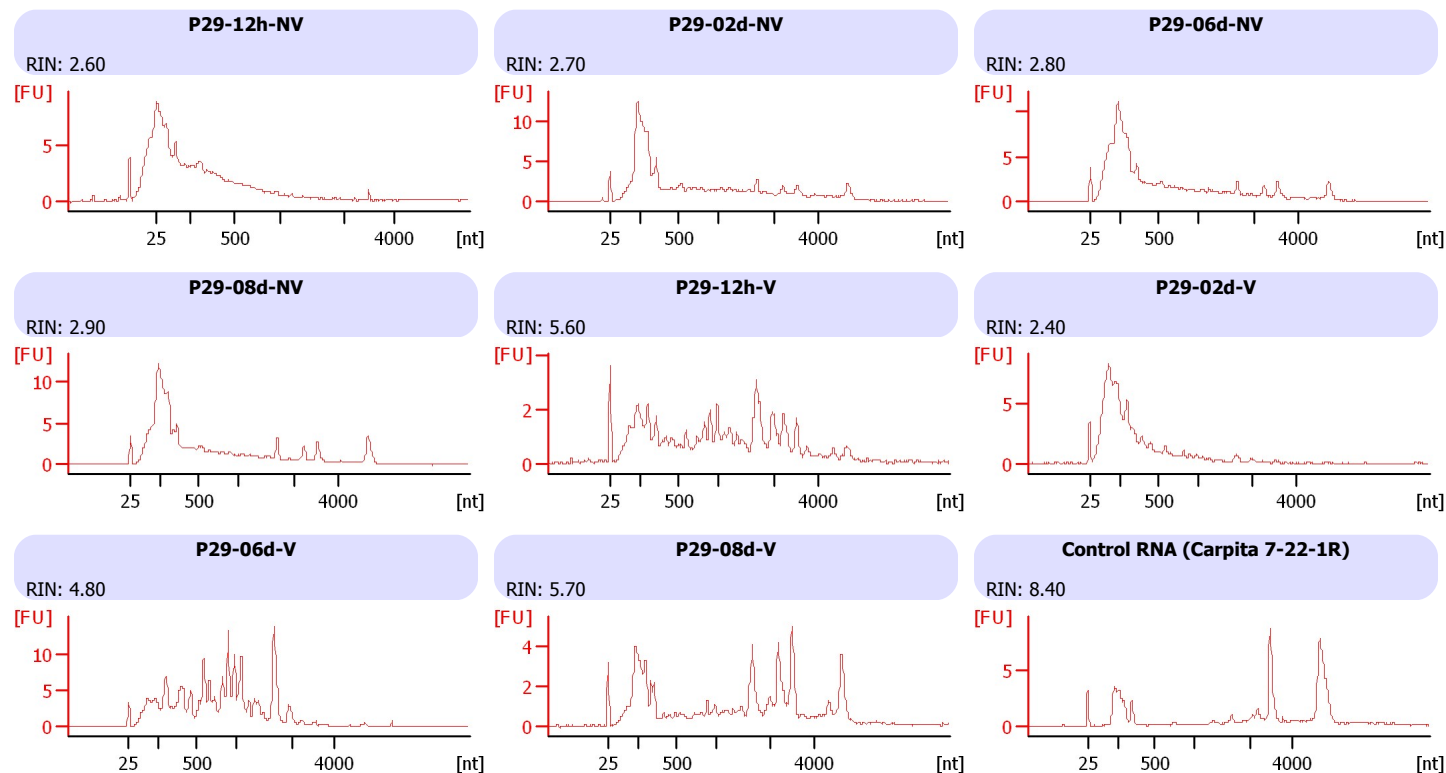
Instrument Name: Ann's baby
Serial#: DE24802235
Firmware: C.01.069
Type: G2938B

Assay Information:

Assay Origin Path: D:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\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_17-29-04.xad

Created: 9/22/2010 5:29:04 PM
Modified: 9/22/2010 5:49:02 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
P29-12h-NV		✓	RIN: 2.60	
P29-02d-NV		✓	RIN: 2.70	
P29-06d-NV		✓	RIN: 2.80	
P29-08d-NV		✓	RIN: 2.90	
P29-12h-V		✓	RIN: 5.60	
P29-02d-V		✓	RIN: 2.40	
P29-06d-V		✓	RIN: 4.80	
P29-08d-V		✓	RIN: 5.70	
Control RNA (Carpita 7-22-1R)		✓	RIN: 8.40	
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_17-29-04.xad

Created: 9/22/2010 5:29:04 PM
Modified: 9/22/2010 5:49:02 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

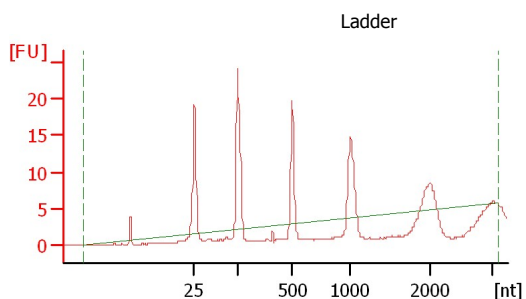
Ladder

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_17-29-04.xad

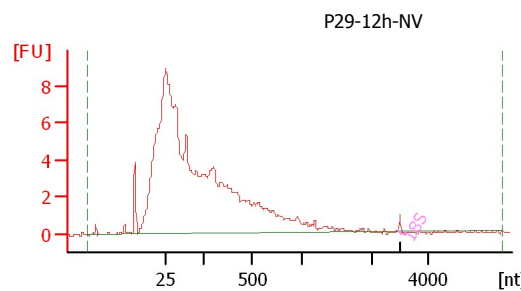
Created: 9/22/2010 5:29:04 PM
 Modified: 9/22/2010 5:49:02 PM

Electropherogram Summary



Overall Results for Ladder

RNA Area: 70.2
 RNA Concentration: 150 ng/μl
 Result Flagging Color:
 Result Flagging Label: All Other Samples

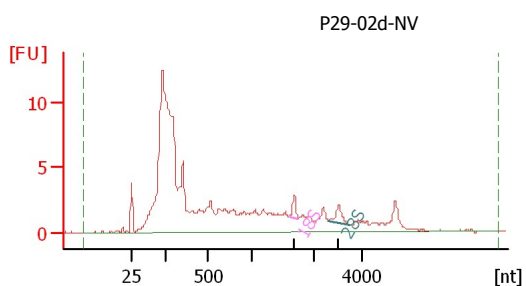


Overall Results for sample 1 : P29-12h-NV

RNA Area: 115.7
 RNA Concentration: 247 ng/μl
 rRNA Ratio [28s / 18s]: 0.0
 RNA Integrity Number (RIN): 2.6 (B.02.07)
 Result Flagging Color:
 Result Flagging Label: RIN: 2.60

Fragment table for sample 1 : P29-12h-NV

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	2,941	3,063	0.4	0.3

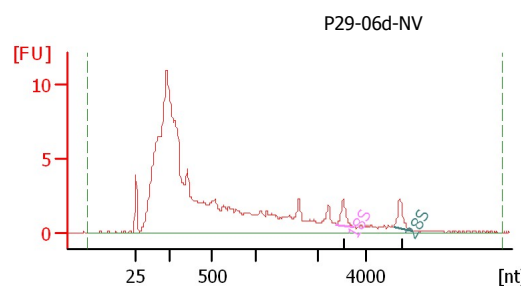


Overall Results for sample 2 : P29-02d-NV

RNA Area: 171.9
 RNA Concentration: 367 ng/μl
 rRNA Ratio [28s / 18s]: 1.3
 RNA Integrity Number (RIN): 2.7 (B.02.07)
 Result Flagging Color:
 Result Flagging Label: RIN: 2.70

Fragment table for sample 2 : P29-02d-NV

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,607	1,757	1.7	1.0
28S	2,652	3,540	2.2	1.3



Overall Results for sample 3 : P29-06d-NV

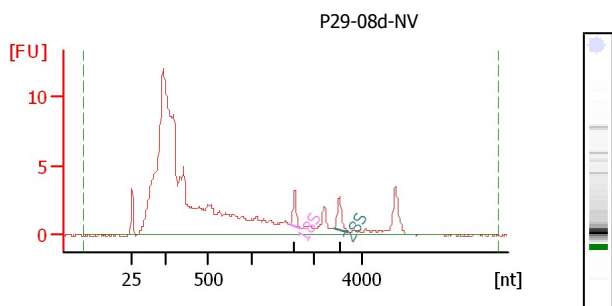
RNA Area: 182.0
 RNA Concentration: 389 ng/μl
 rRNA Ratio [28s / 18s]: 1.1
 RNA Integrity Number (RIN): 2.8 (B.02.07)
 Result Flagging Color:
 Result Flagging Label: RIN: 2.80

Fragment table for sample 3 : P29-06d-NV

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	2,775	3,487	2.4	1.3
28S	5,138	5,920	2.6	1.4

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2010-09-22_17-29-04.xad

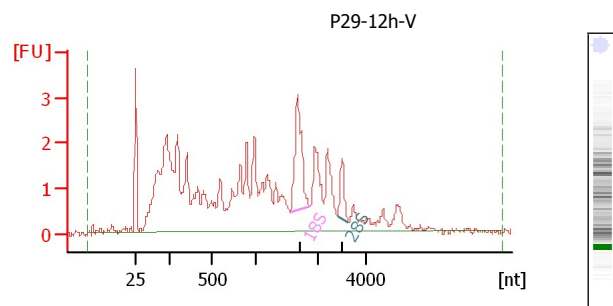
Created: 9/22/2010 5:29:04 PM
Modified: 9/22/2010 5:49:02 PM

Electropherogram Summary Continued ...**Overall Results for sample 4 : P29-08d-NV**

RNA Area: 174.2
RNA Concentration: 373 ng/μl
rRNA Ratio [28s / 18s]: 1.1
RNA Integrity Number (RIN): 2.9 (B.02.07)
Result Flagging Color:
Result Flagging Label: RIN: 2.90

Fragment table for sample 4 : P29-08d-NV

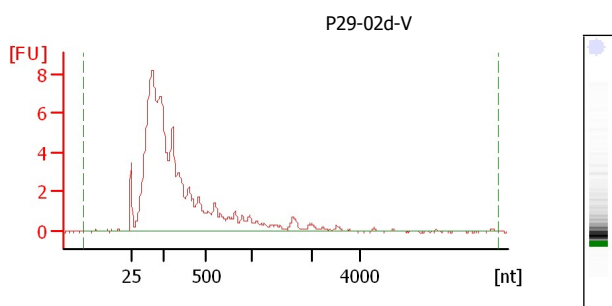
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,595	1,758	2.5	1.4
28S	2,844	3,418	2.8	1.6

**Overall Results for sample 5 : P29-12h-V**

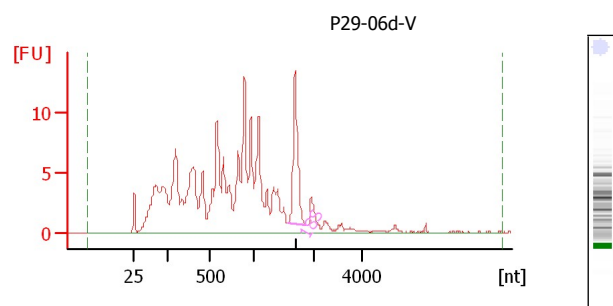
RNA Area: 73.5
RNA Concentration: 157 ng/μl
rRNA Ratio [28s / 18s]: 0.3
RNA Integrity Number (RIN): 5.6 (B.02.07)
Result Flagging Color:
Result Flagging Label: RIN: 5.60

Fragment table for sample 5 : P29-12h-V

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,559	1,887	5.2	7.1
28S	2,826	3,313	1.4	2.0

**Overall Results for sample 6 : P29-02d-V**

RNA Area: 120.2
RNA Concentration: 257 ng/μl
rRNA Ratio [28s / 18s]: 0.0
RNA Integrity Number (RIN): 2.4 (B.02.07)
Result Flagging Color:
Result Flagging Label: RIN: 2.40

**Overall Results for sample 7 : P29-06d-V**

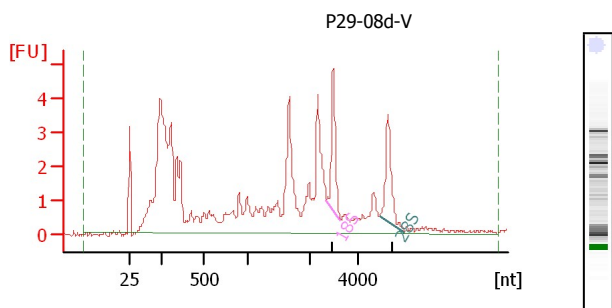
RNA Area: 223.9
RNA Concentration: 479 ng/μl
rRNA Ratio [28s / 18s]: 0.0
RNA Integrity Number (RIN): 4.8 (B.02.07)
Result Flagging Color:
Result Flagging Label: RIN: 4.80

Fragment table for sample 7 : P29-06d-V

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,547	1,862	18.0	8.0

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2010-09-22_17-29-04.xad

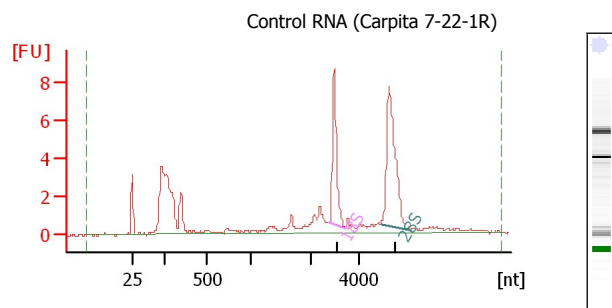
Created: 9/22/2010 5:29:04 PM
Modified: 9/22/2010 5:49:02 PM

Electropherogram Summary Continued ...**Overall Results for sample 8 : P29-08d-V**

RNA Area: 89.2
RNA Concentration: 191 ng/μl
rRNA Ratio [28s / 18s]: 1.0
RNA Integrity Number (RIN): 5.7 (B.02.07)
Result Flagging Color:
Result Flagging Label: RIN: 5.70

Fragment table for sample 8 : P29-08d-V

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	2,716	3,296	4.7	5.2
28S	4,967	5,987	4.5	5.0

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

RNA Area: 68.0
RNA Concentration: 145 ng/μl
rRNA Ratio [28s / 18s]: 1.7
RNA Integrity Number (RIN): 8.4 (B.02.07)
Result Flagging Color:
Result Flagging Label: RIN: 8.40

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

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	2,715	3,402	9.0	13.3
28S	4,882	6,151	15.5	22.8

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2010-09-22_17-29-04.xad

Created: 9/22/2010 5:29:04 PM
Modified: 9/22/2010 5:49:02 PM

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