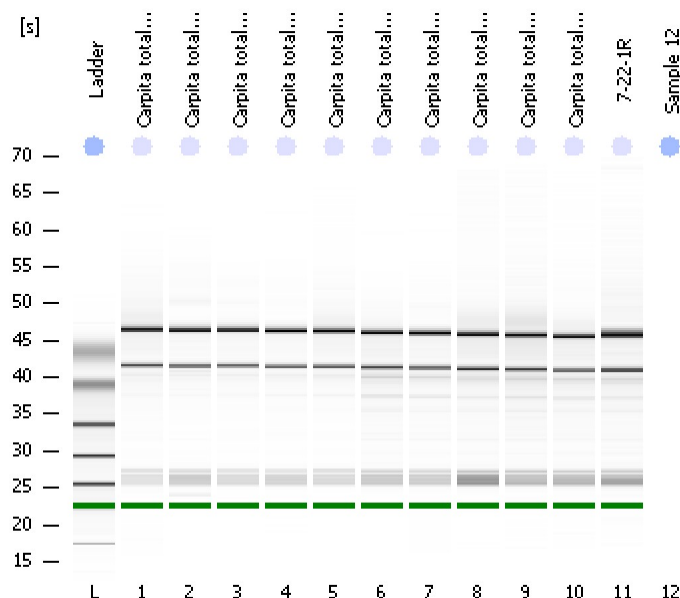


Assay Class: Eukaryote Total RNA Nano  
Data Path: D:\...Eukaryote Total RNA Nano\_DE24802235\_2010-12-02\_15-51-08.xad

Created: 12/2/2010 3:51:08 PM  
Modified: 12/2/2010 4:15:58 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:

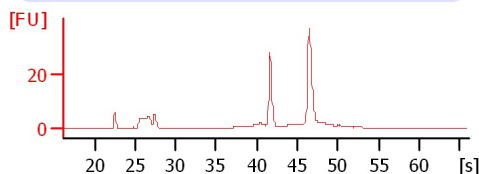
Chip Lot #:

Reagent Kit Lot #:

Chip Comments:

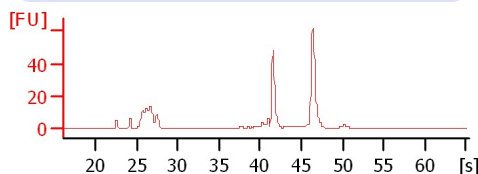
#### Carpita total RNA as received A-1

RIN:9



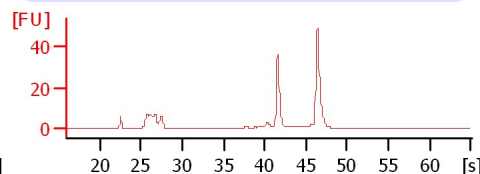
#### Carpita total RNA as received A-2

RIN:9



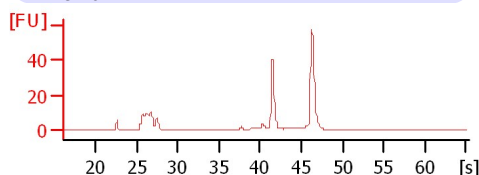
#### Carpita total RNA as received A-3

RIN: 9.40



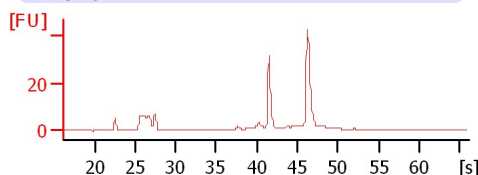
#### Carpita total RNA as received A-4

RIN: 9.20



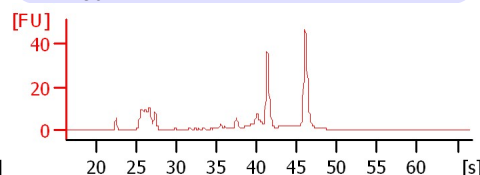
#### Carpita total RNA as received A-5

RIN: 9.10



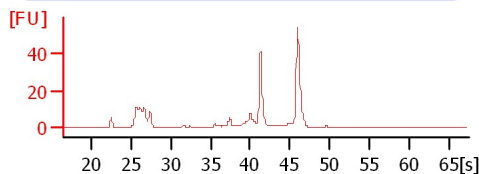
#### Carpita total RNA as received A-6

RIN: 7.90



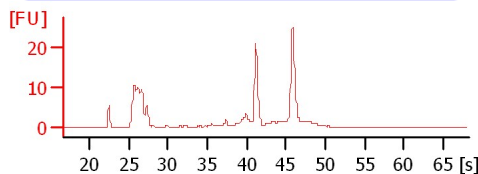
#### Carpita total RNA as received A-7

RIN: 8.50



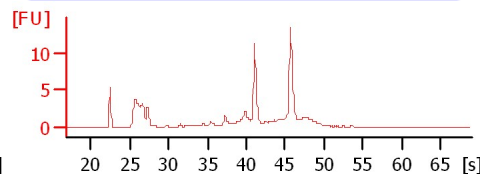
#### Carpita total RNA as received A-8

RIN:8



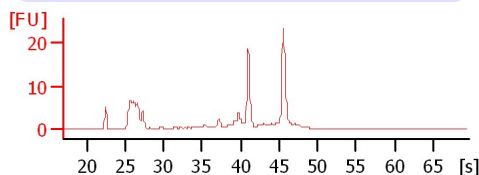
#### Carpita total RNA as received A-9

RIN: 7.70



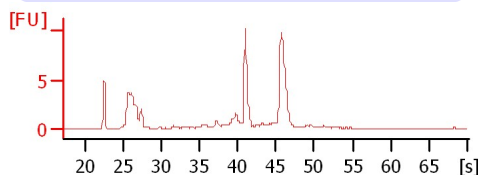
#### Carpita total RNA as received A-10

RIN: 7.90



#### 7-22-1R

RIN: 8.50



Assay Class: Eukaryote Total RNA Nano  
Data Path: D:\...Eukaryote Total RNA Nano\_DE24802235\_2010-12-02\_15-51-08.xad

Created: 12/2/2010 3:51:08 PM  
Modified: 12/2/2010 4:15:58 PM

**Electrophoresis File Run Summary (Chip Summary)**

Sample Name	Sample Comment	Status	Result Label	Result Color
Carpita total RNA as received A-1		✓	RIN:9	
Carpita total RNA as received A-2		✓	RIN:9	
Carpita total RNA as received A-3		✓	RIN: 9.40	
Carpita total RNA as received A-4		✓	RIN: 9.20	
Carpita total RNA as received A-5		✓	RIN: 9.10	
Carpita total RNA as received A-6		✓	RIN: 7.90	
Carpita total RNA as received A-7		✓	RIN: 8.50	
Carpita total RNA as received A-8		✓	RIN:8	
Carpita total RNA as received A-9		✓	RIN: 7.70	
Carpita total RNA as received A-10		✓	RIN: 7.90	
7-22-1R		✓	RIN: 8.50	
Sample 12				

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

Assay Class: Eukaryote Total RNA Nano  
Data Path: D:\...Eukaryote Total RNA Nano\_DE24802235\_2010-12-02\_15-51-08.xad

Created: 12/2/2010 3:51:08 PM  
Modified: 12/2/2010 4:15:58 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

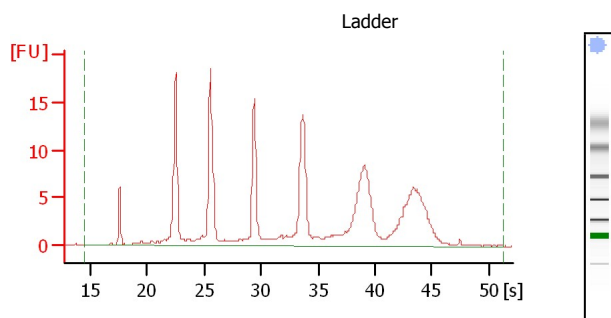
### Ladder

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\_2010-12-02\_15-51-08.xad

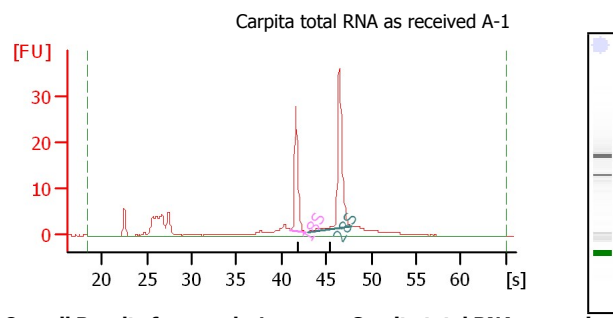
Created: 12/2/2010 3:51:08 PM  
 Modified: 12/2/2010 4:15:58 PM

### Electropherogram Summary



#### Overall Results for Ladder

RNA Area: 192.7  
 RNA Concentration: 150 ng/μl  
 Result Flagging Color:    
 Result Flagging Label: All Other Samples

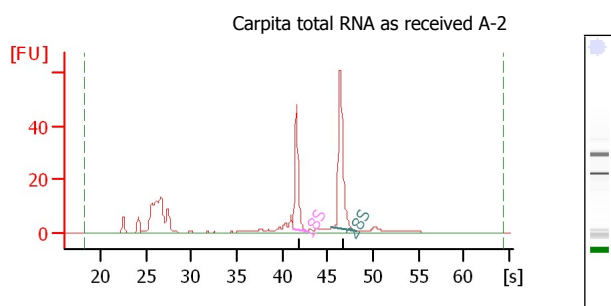


#### Overall Results for sample 1 : Carpita total RNA as received A-1

RNA Area: 162.4  
 RNA Concentration: 126 ng/μl  
 rRNA Ratio [28s / 18s]: 1.6  
 RNA Integrity Number (RIN): 9 (B.02.07)  
 Result Flagging Color:    
 Result Flagging Label: RIN:9

#### Fragment table for sample 1 : Carpita total RNA as received A-1

Name	Start Time [s]	End Time [s]	Area	% of total Area
18S	41.04	42.78	27.2	16.7
28S	42.97	47.74	44.3	27.3

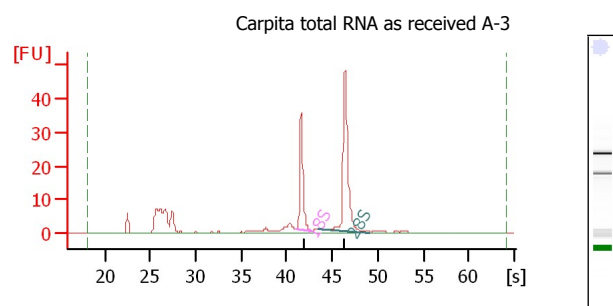


#### Overall Results for sample 2 : Carpita total RNA as received A-2

RNA Area: 285.1  
 RNA Concentration: 222 ng/μl  
 rRNA Ratio [28s / 18s]: 1.6  
 RNA Integrity Number (RIN): 9 (B.02.07)  
 Result Flagging Color:    
 Result Flagging Label: RIN:9

#### Fragment table for sample 2 : Carpita total RNA as received A-2

Name	Start Time [s]	End Time [s]	Area	% of total Area
18S	41.17	42.67	45.8	16.1
28S	45.47	48.22	74.0	26.0



#### Overall Results for sample 3 : Carpita total RNA as received A-3

RNA Area: 194.8  
 RNA Concentration: 152 ng/μl  
 rRNA Ratio [28s / 18s]: 1.8  
 RNA Integrity Number (RIN): 9.4 (B.02.07)  
 Result Flagging Color:    
 Result Flagging Label: RIN: 9.40

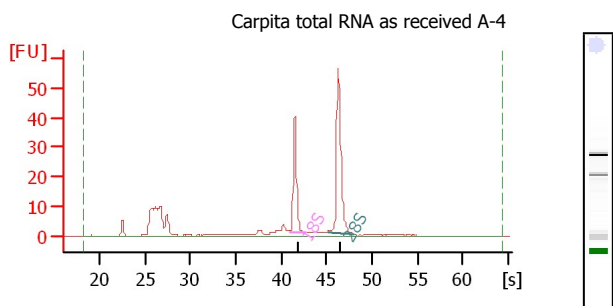
#### Fragment table for sample 3 : Carpita total RNA as received A-3

Name	Start Time [s]	End Time [s]	Area	% of total Area
18S	40.96	42.68	34.5	17.7
28S	43.47	49.23	63.0	32.3

Assay Class: Eukaryote Total RNA Nano  
 Data Path: D:\...Eukaryote Total RNA Nano\_DE24802235\_2010-12-02\_15-51-08.xad

Created: 12/2/2010 3:51:08 PM  
 Modified: 12/2/2010 4:15:58 PM

### Electropherogram Summary Continued ...

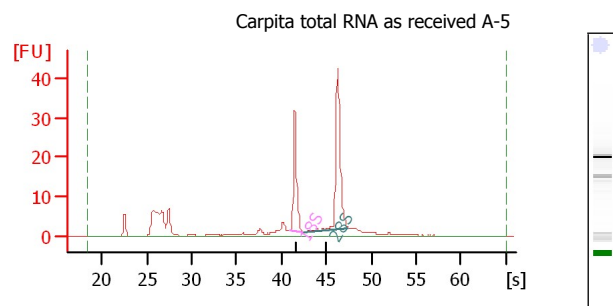


#### Overall Results for sample 4 : Carpita total RNA as received A-4

RNA Area: 231.4  
 RNA Concentration: 180 ng/μl  
 rRNA Ratio [28s / 18s]: 1.8  
 RNA Integrity Number (RIN): 9.2 (B.02.07)  
 Result Flagging Color:    
 Result Flagging Label: RIN: 9.20

#### Fragment table for sample 4 : Carpita total RNA as received A-4

Name	Start Time [s]	End Time [s]	Area	% of total Area
18S	40.89	42.76	38.1	16.5
28S	45.05	47.94	68.6	29.6

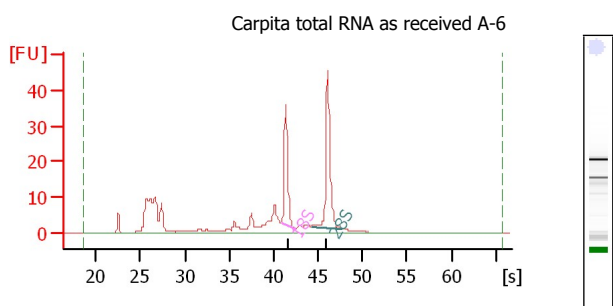


#### Overall Results for sample 5 : Carpita total RNA as received A-5

RNA Area: 184.3  
 RNA Concentration: 143 ng/μl  
 rRNA Ratio [28s / 18s]: 1.7  
 RNA Integrity Number (RIN): 9.1 (B.02.07)  
 Result Flagging Color:    
 Result Flagging Label: RIN: 9.10

#### Fragment table for sample 5 : Carpita total RNA as received A-5

Name	Start Time [s]	End Time [s]	Area	% of total Area
18S	40.90	42.50	30.5	16.5
28S	42.59	47.50	51.2	27.8

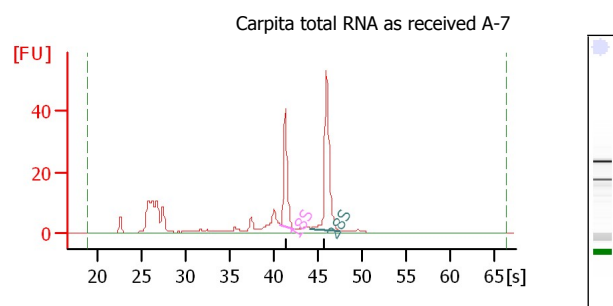


#### Overall Results for sample 6 : Carpita total RNA as received A-6

RNA Area: 249.5  
 RNA Concentration: 194 ng/μl  
 rRNA Ratio [28s / 18s]: 1.5  
 RNA Integrity Number (RIN): 7.9 (B.02.07)  
 Result Flagging Color:    
 Result Flagging Label: RIN: 7.90

#### Fragment table for sample 6 : Carpita total RNA as received A-6

Name	Start Time [s]	End Time [s]	Area	% of total Area
18S	40.81	42.38	34.5	13.8
28S	44.19	47.57	52.5	21.0



#### Overall Results for sample 7 : Carpita total RNA as received A-7

RNA Area: 259.0  
 RNA Concentration: 202 ng/μl  
 rRNA Ratio [28s / 18s]: 1.7  
 RNA Integrity Number (RIN): 8.5 (B.02.07)  
 Result Flagging Color:    
 Result Flagging Label: RIN: 8.50

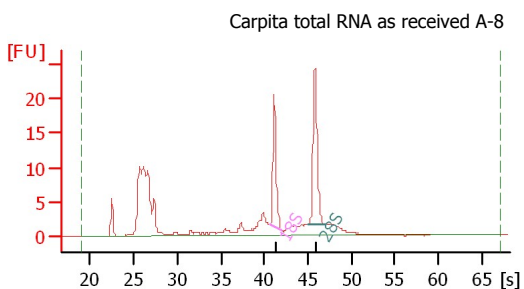
#### Fragment table for sample 7 : Carpita total RNA as received A-7

Name	Start Time [s]	End Time [s]	Area	% of total Area
18S	40.76	42.30	41.4	16.0
28S	44.13	47.55	69.0	26.6

Assay Class: Eukaryote Total RNA Nano  
 Data Path: D:\...Eukaryote Total RNA Nano\_DE24802235\_2010-12-02\_15-51-08.xad

Created: 12/2/2010 3:51:08 PM  
 Modified: 12/2/2010 4:15:58 PM

### Electropherogram Summary Continued ...

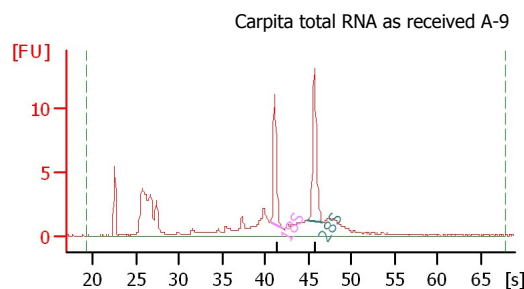


#### Overall Results for sample 8 : Carpita total RNA as received A-8

RNA Area: 171.0  
 RNA Concentration: 133 ng/μl  
 rRNA Ratio [28s / 18s]: 1.3  
 RNA Integrity Number (RIN): 8 (B.02.07)  
 Result Flagging Color:    
 Result Flagging Label: RIN:8

#### Fragment table for sample 8 : Carpita total RNA as received A-8

Name	Start Time [s]	End Time [s]	Area	% of total Area
18S	40.57	42.13	20.5	12.0
28S	45.00	47.05	27.7	16.2

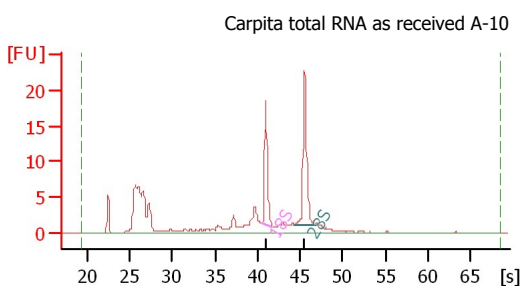


#### Overall Results for sample 9 : Carpita total RNA as received A-9

RNA Area: 87.9  
 RNA Concentration: 68 ng/μl  
 rRNA Ratio [28s / 18s]: 1.3  
 RNA Integrity Number (RIN): 7.7 (B.02.07)  
 Result Flagging Color:    
 Result Flagging Label: RIN: 7.70

#### Fragment table for sample 9 : Carpita total RNA as received A-9

Name	Start Time [s]	End Time [s]	Area	% of total Area
18S	40.52	42.00	10.4	11.9
28S	44.90	46.62	13.3	15.2

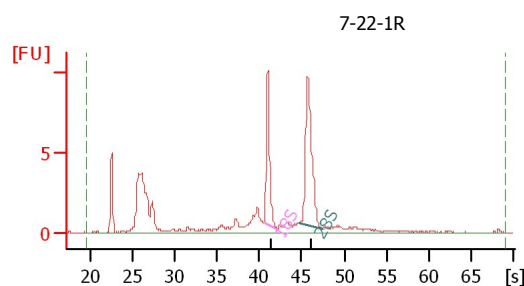


#### Overall Results for sample 10 : Carpita total RNA as received A-10

RNA Area: 132.8  
 RNA Concentration: 103 ng/μl  
 rRNA Ratio [28s / 18s]: 1.4  
 RNA Integrity Number (RIN): 7.9 (B.02.07)  
 Result Flagging Color:    
 Result Flagging Label: RIN: 7.90

#### Fragment table for sample 10 : Carpita total RNA as received A-10

Name	Start Time [s]	End Time [s]	Area	% of total Area
18S	40.43	41.77	17.1	12.8
28S	44.30	46.69	24.4	18.4



#### Overall Results for sample 11 : 7-22-1R

RNA Area: 75.5  
 RNA Concentration: 59 ng/μl  
 rRNA Ratio [28s / 18s]: 1.8  
 RNA Integrity Number (RIN): 8.5 (B.02.07)  
 Result Flagging Color:    
 Result Flagging Label: RIN: 8.50

#### Fragment table for sample 11 : 7-22-1R

Name	Start Time [s]	End Time [s]	Area	% of total Area
18S	40.54	42.09	10.0	13.2
28S	44.75	47.41	17.6	23.2

Assay Class: Eukaryote Total RNA Nano  
Data Path: D:\...Eukaryote Total RNA Nano\_DE24802235\_2010-12-02\_15-51-08.xad

Created: 12/2/2010 3:51:08 PM  
Modified: 12/2/2010 4:15:58 PM

**Gel Image**