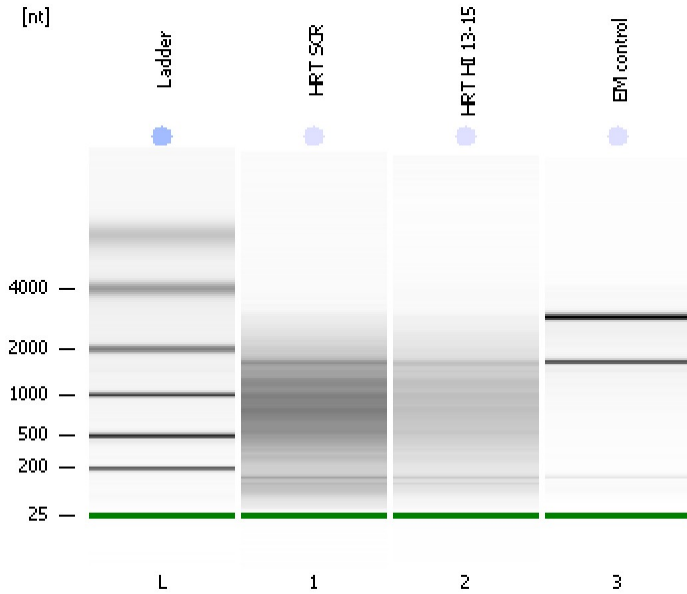


Assay Class: Eukaryote Total RNA Pico  
Data Path: C:\...er\2100 expert\data\2014-04-29\2014-04-29\_001JPelletier.xad

Created: 4/29/2014 11:31:28 AM  
Modified: 4/29/2014 11:55:36 AM

**Electrophoresis File Run Summary**



Instrument Information:

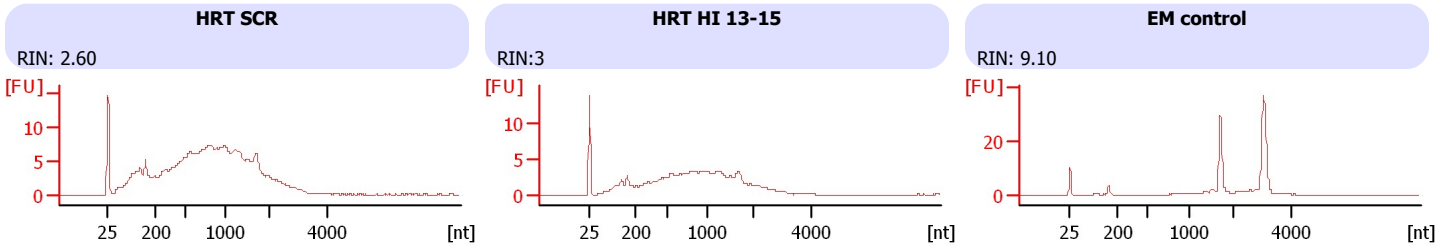
Instrument Name: DE13701086      Firmware: C.01.069  
Serial#: DE13701086      Type: G2938B

Assay Information:

Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\Eukaryote Total RNA Pico Series II.xsy  
Assay Class: Eukaryote Total RNA Pico  
Version: 2.6  
Assay Comments: Total RNA Analysis pg sensitivity (Eukaryote)  
© Copyright 2003 - 2009 Agilent Technologies, Inc.

Chip Information:

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



Assay Class: Eukaryote Total RNA Pico  
 Data Path: C:\...er\2100 expert\data\2014-04-29\2014-04-29\_001JPelletier.xad

Created: 4/29/2014 11:31:28 AM  
 Modified: 4/29/2014 11:55:36 AM

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

Sample Name	Sample Comment	Status	Result Label	Result Color
HRT SCR		✓	RIN: 2.60	
HRT HI 13-15		✓	RIN:3	
EM control		✓	RIN: 9.10	
Ladder		✓	All Other Samples	

**Chip Lot #**

**Reagent Kit Lot #**

**Chip Comments :**

Assay Class: Eukaryote Total RNA Pico  
Data Path: C:\...er\2100 expert\data\2014-04-29\2014-04-29\_001JPelletier.xad

Created: 4/29/2014 11:31:28 AM  
Modified: 4/29/2014 11:55:36 AM

## Electrophoresis Assay Details

### General Analysis Settings

Number of Available Sample and Ladder Wells (Max.) : 12  
Minimum Visible Range [s] : 17  
Maximum Visible Range [s] : 70  
Start Analysis Time Range [s] : 18  
End Analysis Time Range [s] : 69  
Ladder Concentration [pg/ $\mu$ l] : 1000  
Lower Marker Concentration [pg/ $\mu$ l] : 0  
Upper Marker Concentration [pg/ $\mu$ l] : 0  
Used Lower Marker for Quantitation  
Standard Curve Fit is Logarithmic  
Show Data Aligned to Lower Marker

### Integrator Settings

Integration Start Time [s] : 18  
Integration End Time [s] : 69  
Slope Threshold : 0.6  
Height Threshold [FU] : 0.5  
Area Threshold : 0.2  
Width Threshold [s] : 0.3  
Baseline Plateau [s] : 6

### Filter Settings

Filter Width [s] : 0.5  
Polynomial Order : 4

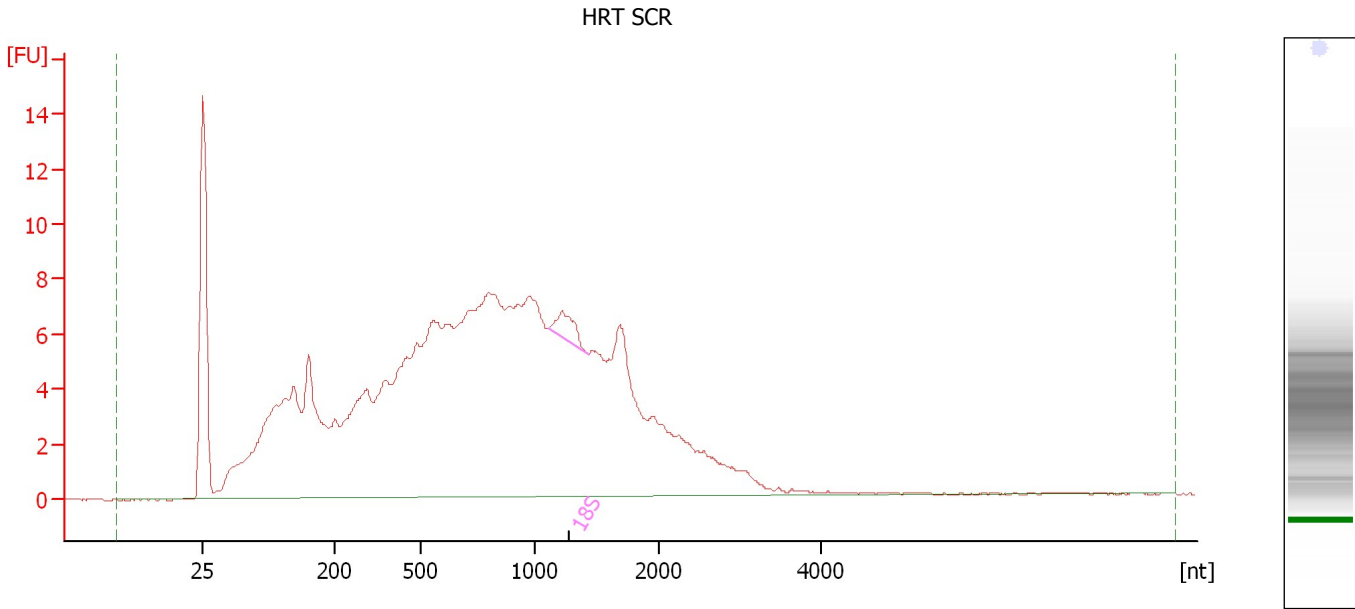
### Ladder

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

Assay Class: Eukaryote Total RNA Pico  
Data Path: C:\...er\2100 expert\data\2014-04-29\2014-04-29\_001JPelletier.xad

Created: 4/29/2014 11:31:28 AM  
Modified: 4/29/2014 11:55:36 AM

**Electropherogram Summary**



**Overall Results for sample 1 : HRT SCR**

RNA Area:	286.6	RNA Integrity Number (RIN):	2.6 (B.02.08)
RNA Concentration:	1,558 pg/μl	Result Flagging Color:	<span style="background-color: #ccccff; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span>
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.60

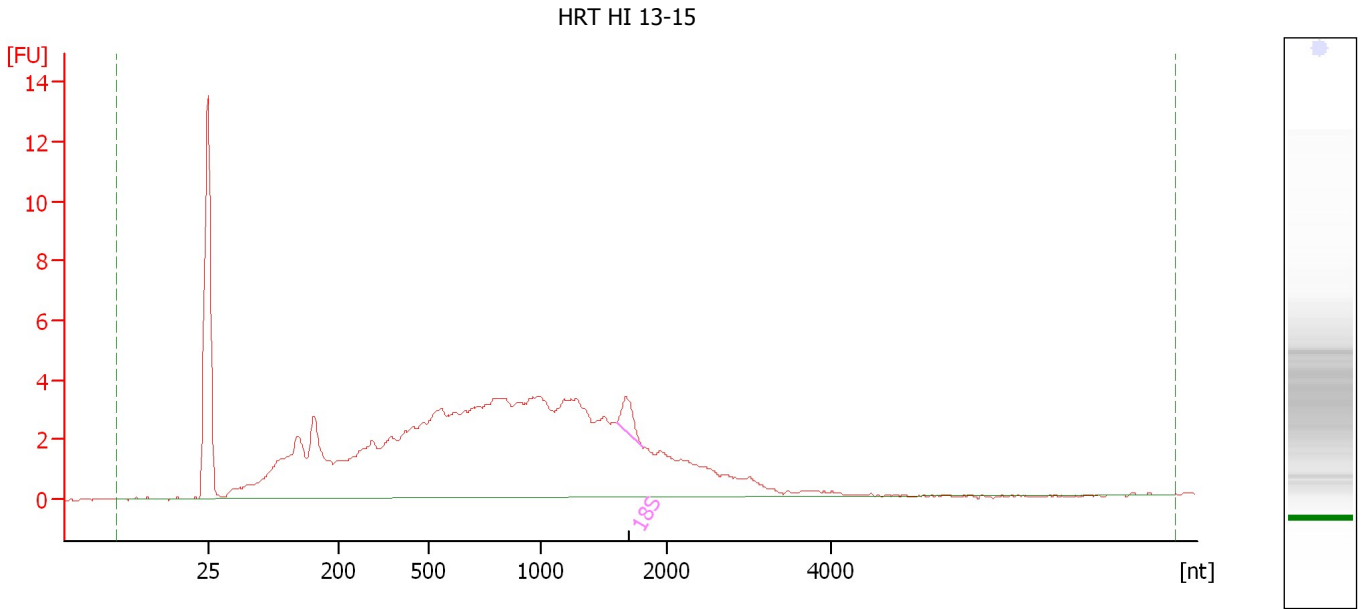
**Fragment table for sample 1 : HRT SCR**

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,125	1,432	2.5	0.9

Assay Class: Eukaryote Total RNA Pico  
 Data Path: C:\...er\2100 expert\data\2014-04-29\2014-04-29\_001JPelletier.xad

Created: 4/29/2014 11:31:28 AM  
 Modified: 4/29/2014 11:55:36 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 2 : HRT HI 13-15**

RNA Area:	136.8	RNA Integrity Number (RIN):	3 (B.02.08)
RNA Concentration:	743 µg/µl	Result Flagging Color:	<span style="background-color: #ccccff; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span>
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN:3

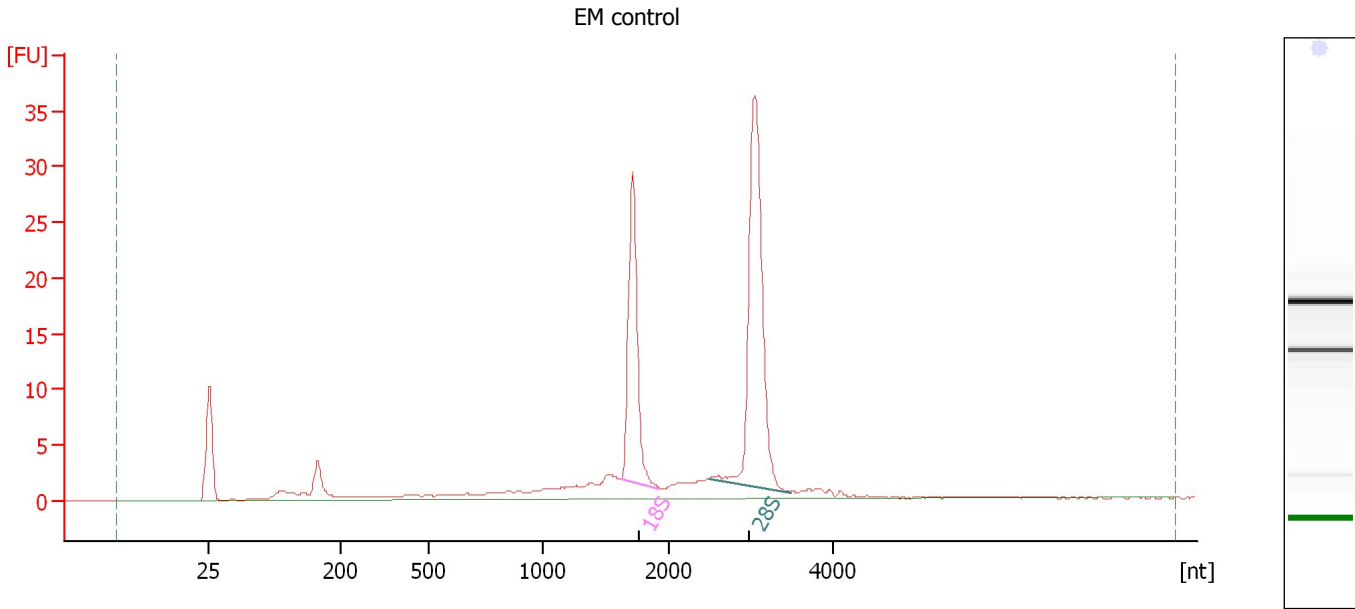
**Fragment table for sample 2 : HRT HI 13-15**

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,592	1,804	1.7	1.2

Assay Class: Eukaryote Total RNA Pico  
 Data Path: C:\...er\2100 expert\data\2014-04-29\2014-04-29\_001JPelletier.xad

Created: 4/29/2014 11:31:28 AM  
 Modified: 4/29/2014 11:55:36 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 3 : EM control**

RNA Area:	142.3	RNA Integrity Number (RIN):	9.1 (B.02.08)
RNA Concentration:	773 µg/µl	Result Flagging Color:	<span style="background-color: #ccccff; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span>
rRNA Ratio [28s / 18s]:	1.7	Result Flagging Label:	RIN: 9.10

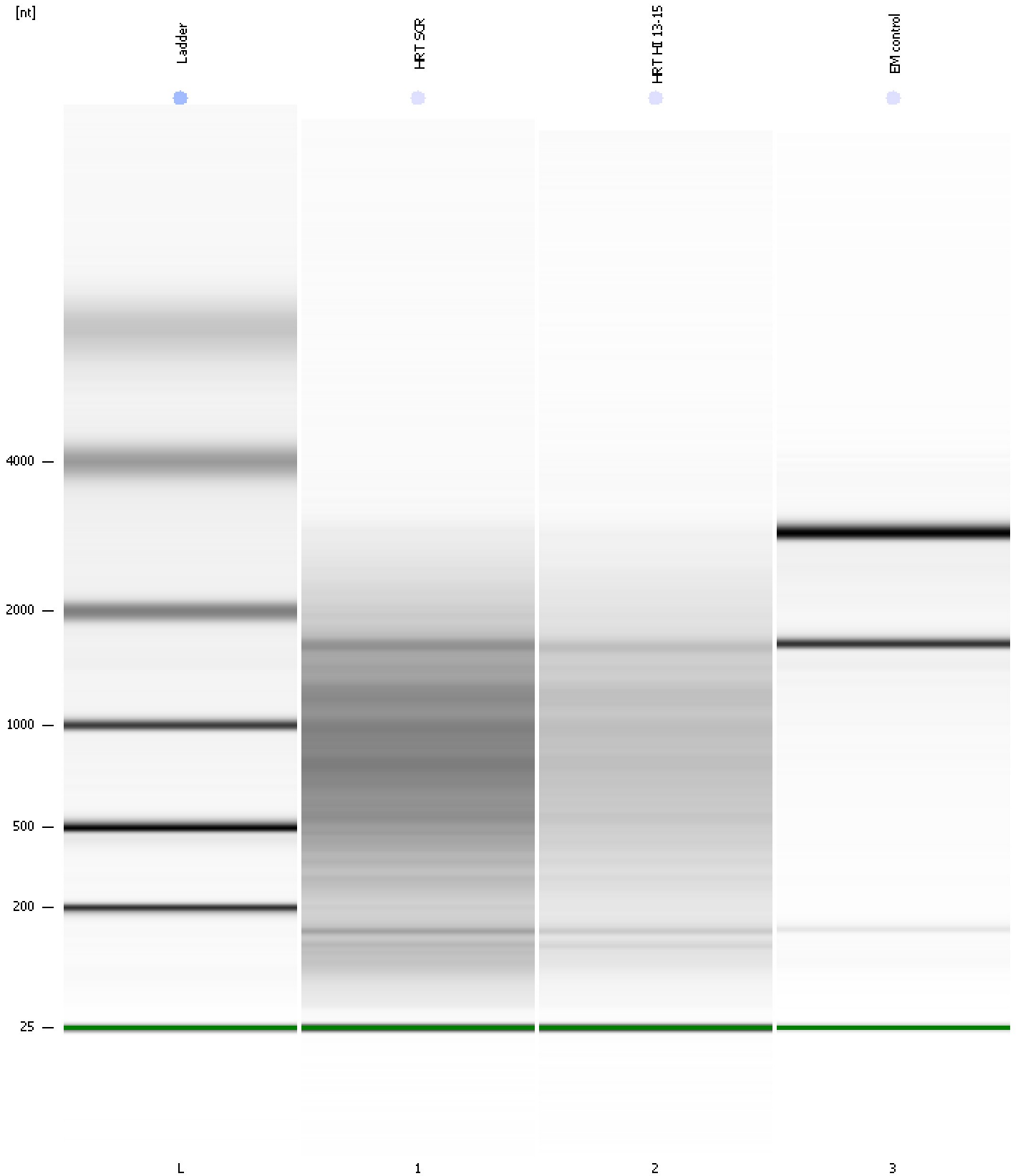
**Fragment table for sample 3 : EM control**

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,611	1,923	30.2	21.2
28S	2,482	3,474	50.5	35.5

Assay Class: Eukaryote Total RNA Pico  
Data Path: C:\...er\2100 expert\data\2014-04-29\2014-04-29\_001JPelletier.xad

Created: 4/29/2014 11:31:28 AM  
Modified: 4/29/2014 11:55:36 AM

**Gel Image**



Assay Class: Eukaryote Total RNA Pico  
Data Path: C:\...er\2100 expert\data\2014-04-29\2014-04-29\_001JPelletier.xad

Created: 4/29/2014 11:31:28 AM  
Modified: 4/29/2014 11:55:36 AM

**Curves**

**Standard Curve**

