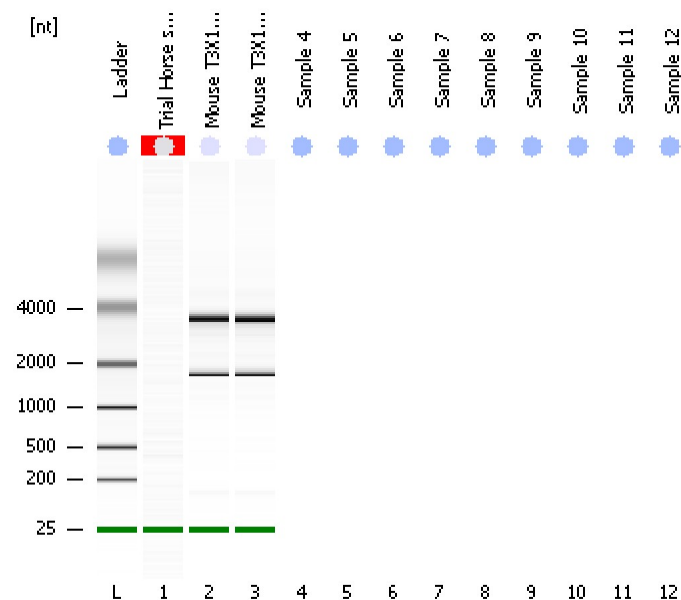


Assay Class: Eukaryote Total RNA Nano  
Data Path: D:\...Eukaryote Total RNA Nano\_DE24802235\_2010-07-14\_14-45-56.xad

Created: 7/14/2010 2:45:56 PM  
Modified: 7/14/2010 2:57:34 PM

**Electrophoresis File Run Summary**Instrument Information:

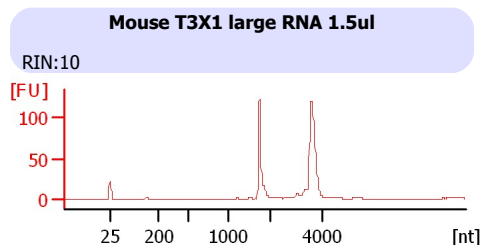
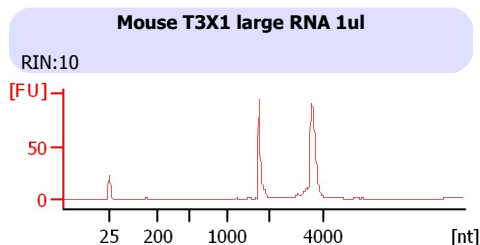
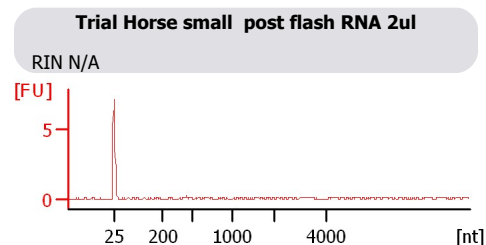
Instrument Name: Ann's baby  
Serial#: DE24802235  
Firmware: C.01.069  
Type: G2938B

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)  
© Copyright 2003 - 2009 Agilent Technologies, Inc.

Chip Information:

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



Assay Class: Eukaryote Total RNA Nano  
Data Path: D:\...Eukaryote Total RNA Nano\_DE24802235\_2010-07-14\_14-45-56.xad

Created: 7/14/2010 2:45:56 PM  
Modified: 7/14/2010 2:57:34 PM

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

| Sample Name                          | Sample Comment | Status | Result Label | Result Color |
|--------------------------------------|----------------|--------|--------------|--------------|
| Trial Horse small post flash RNA 2ul |                | ✓      | RIN N/A      |              |
| Mouse T3X1 large RNA 1ul             |                | ✓      | RIN:10       |              |
| Mouse T3X1 large RNA 1.5ul           |                | ✓      | RIN:10       |              |
| Sample 4                             |                |        |              |              |
| Sample 5                             |                |        |              |              |
| Sample 6                             |                |        |              |              |
| Sample 7                             |                |        |              |              |
| Sample 8                             |                |        |              |              |
| Sample 9                             |                |        |              |              |
| 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\_2010-07-14\_14-45-56.xad

Created: 7/14/2010 2:45:56 PM  
Modified: 7/14/2010 2:57:34 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

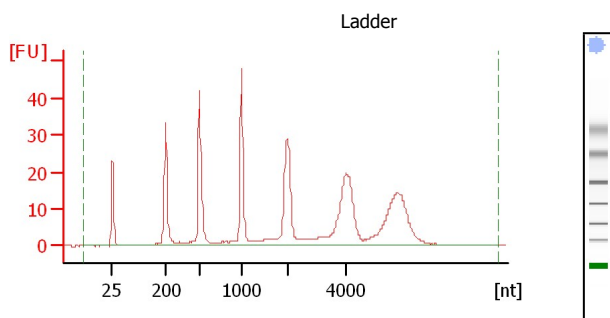
### Ladder

| 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\_2010-07-14\_14-45-56.xad

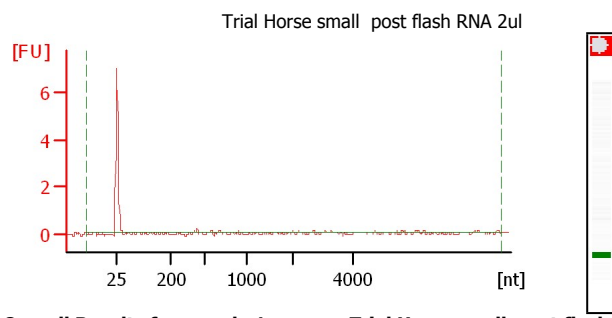
Created: 7/14/2010 2:45:56 PM  
 Modified: 7/14/2010 2:57:34 PM

### Electropherogram Summary



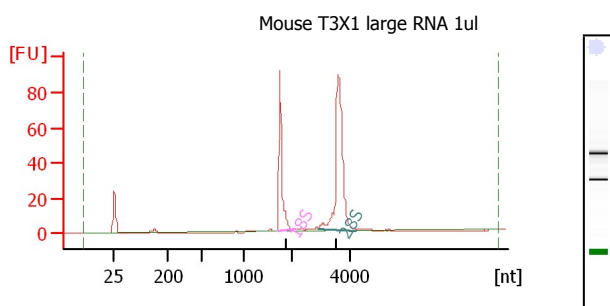
#### Overall Results for Ladder

RNA Area: 419.0  
 RNA Concentration: 150 ng/μl  
 Result Flagging Color:    
 Result Flagging Label: All Other Samples



#### Overall Results for sample 1 : Trial Horse small post flash RNA

RNA Area: 1.8  
 RNA Concentration: 1 ng/μl  
 rRNA Ratio [28s / 18s]: 0.0  
 RNA Integrity Number (RIN): N/A (B.02.07)  
 Result Flagging Color:    
 Result Flagging Label: RIN N/A

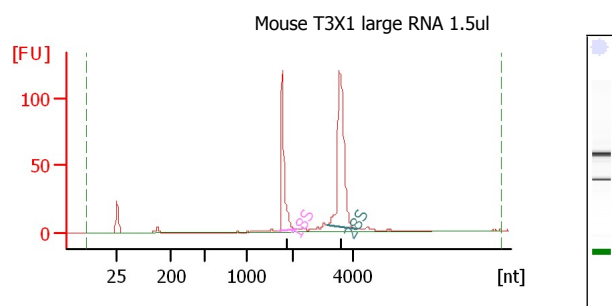


#### Overall Results for sample 2 : Mouse T3X1 large RNA 1ul

RNA Area: 278.4  
 RNA Concentration: 100 ng/μl  
 rRNA Ratio [28s / 18s]: 1.9  
 RNA Integrity Number (RIN): 10 (B.02.07)  
 Result Flagging Color:    
 Result Flagging Label: RIN:10

#### Fragment table for sample 2 : Mouse T3X1 large RNA 1ul

| Name | Start Size [nt] | End Size [nt] | Area  | % of total Area |
|------|-----------------|---------------|-------|-----------------|
| 18S  | 1,698           | 2,119         | 84.7  | 30.4            |
| 28S  | 2,896           | 4,182         | 161.4 | 58.0            |



#### Overall Results for sample 3 : Mouse T3X1 large RNA 1.5ul

RNA Area: 389.8  
 RNA Concentration: 140 ng/μl  
 rRNA Ratio [28s / 18s]: 1.7  
 RNA Integrity Number (RIN): 10 (B.02.07)  
 Result Flagging Color:    
 Result Flagging Label: RIN:10

#### Fragment table for sample 3 : Mouse T3X1 large RNA 1.5ul

| Name | Start Size [nt] | End Size [nt] | Area  | % of total Area |
|------|-----------------|---------------|-------|-----------------|
| 18S  | 1,696           | 2,118         | 118.1 | 30.3            |
| 28S  | 3,138           | 4,115         | 206.2 | 52.9            |

Assay Class: Eukaryote Total RNA Nano  
Data Path: D:\...\Eukaryote Total RNA Nano\_DE24802235\_2010-07-14\_14-45-56.xad

Created: 7/14/2010 2:45:56 PM  
Modified: 7/14/2010 2:57:34 PM

**Gel Image**