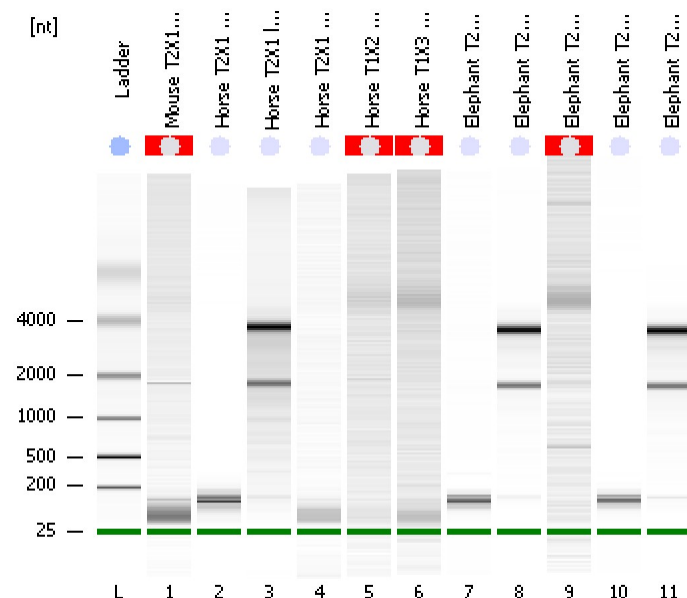


Assay Class: Eukaryote Total RNA Pico
Data Path: D:\...Eukaryote Total RNA Pico_DE24802235_2010-07-14_00-01-09.xad

Created: 7/14/2010 12:01:09 AM
Modified: 7/14/2010 12:24:19 AM

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 Pico Series II.xsy

Assay Class: Eukaryote Total RNA Pico

Version: 2.6

Assay Comments: Total RNA Analysis pg sensitivity (Eukaryote)

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Chip Information:

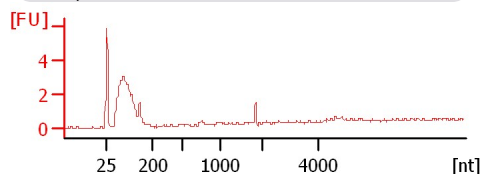
Chip Lot #:

Reagent Kit Lot #:

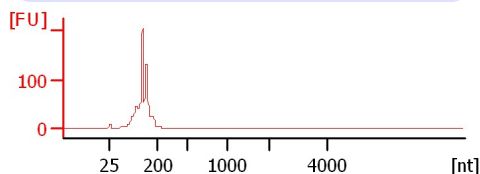
Chip Comments:

Mouse T2X1 post flash RNA

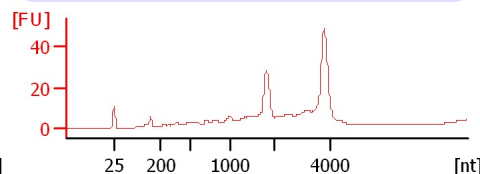
RIN N/A

**Horse T2X1 small RNA**

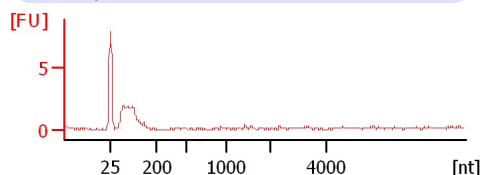
RIN: 2.60

**Horse T2X1 large RNA**

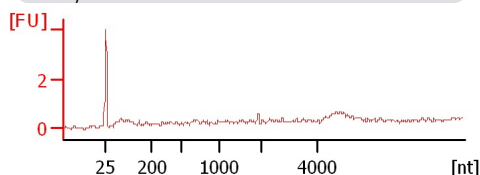
RIN: 8.10

**Horse T2X1 post flash RNA**

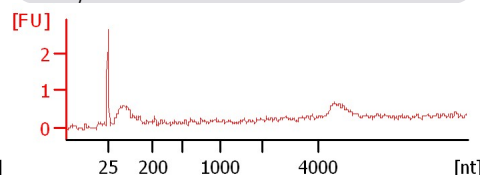
RIN: 2.20

**Horse T1X2 small post flash RNA**

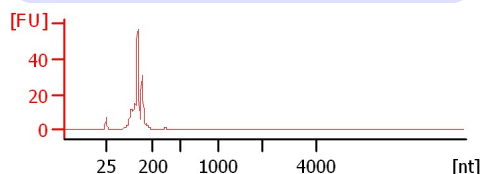
RIN N/A

**Horse T1X3 small post flash RNA**

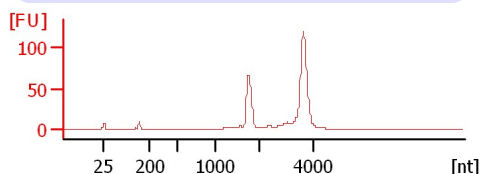
RIN N/A

**Elephant T2X1 small RNA**

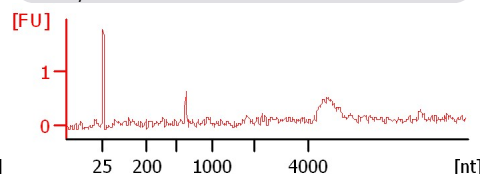
RIN: 2.60

**Elephant T2X1 large RNA**

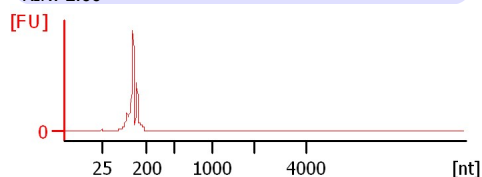
RIN: 9.70

**Elephant T2X1 post flash RNA**

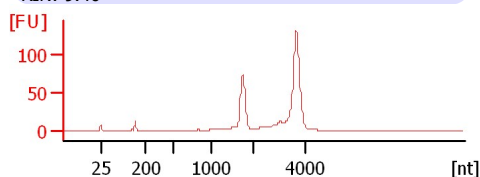
RIN N/A

**Elephant T2X2 small RNA**

RIN: 2.60

**Elephant T2X2 large RNA**

RIN: 9.40



Assay Class: Eukaryote Total RNA Pico
Data Path: D:\...Eukaryote Total RNA Pico_DE24802235_2010-07-14_00-01-09.xad

Created: 7/14/2010 12:01:09 AM
Modified: 7/14/2010 12:24:19 AM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
Mouse T2X1 post flash RNA		✓	RIN N/A	
Horse T2X1 small RNA		✓	RIN: 2.60	
Horse T2X1 large RNA		✓	RIN: 8.10	
Horse T2X1 post flash RNA		✓	RIN: 2.20	
Horse T1X2 small post flash RNA		✓	RIN N/A	
Horse T1X3 small post flash RNA		✓	RIN N/A	
Elephant T2X1 small RNA		✓	RIN: 2.60	
Elephant T2X1 large RNA		✓	RIN: 9.70	
Elephant T2X1 post flash RNA		✓	RIN N/A	
Elephant T2X2 small RNA		✓	RIN: 2.60	
Elephant T2X2 large RNA		✓	RIN: 9.40	

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

Assay Class: Eukaryote Total RNA Pico
Data Path: D:\...Eukaryote Total RNA Pico_DE24802235_2010-07-14_00-01-09.xad

Created: 7/14/2010 12:01:09 AM
Modified: 7/14/2010 12:24:19 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/ μ l] : 1000

Lower Marker Concentration [pg/ μ l] : 0

Upper Marker Concentration [pg/ μ 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

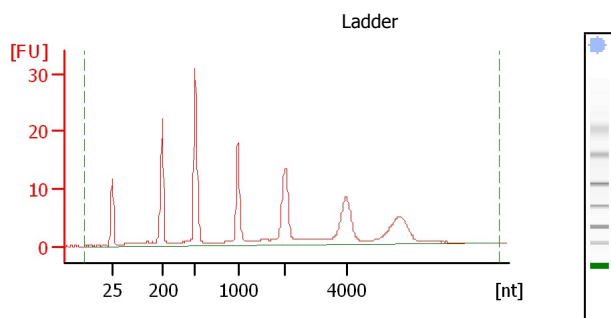
Ladder

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

Assay Class: Eukaryote Total RNA Pico
 Data Path: D:\...Eukaryote Total RNA Pico_DE24802235_2010-07-14_00-01-09.xad

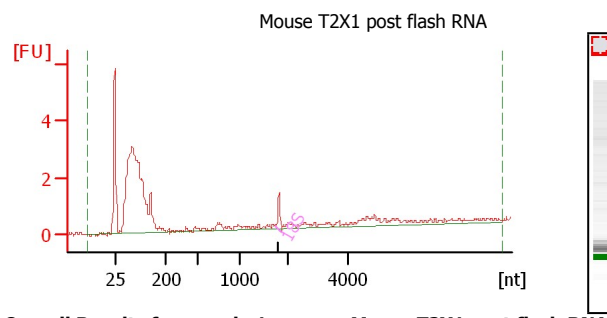
Created: 7/14/2010 12:01:09 AM
 Modified: 7/14/2010 12:24:19 AM

Electropherogram Summary



Overall Results for Ladder

RNA Area: 212.9
 RNA Concentration: 1,000 pg/μl
 Result Flagging Color:
 Result Flagging Label: All Other Samples

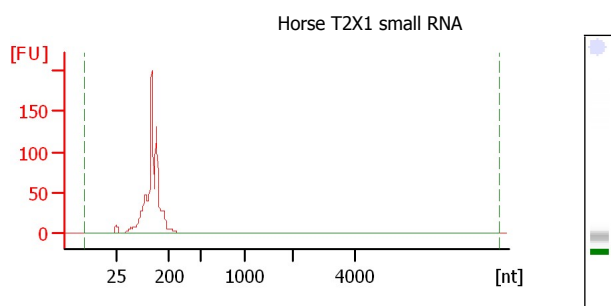


Overall Results for sample 1 : Mouse T2X1 post flash RNA

RNA Area: 39.2
 RNA Concentration: 184 pg/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

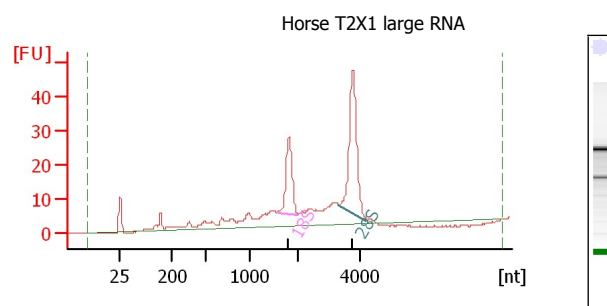
Fragment table for sample 1 : Mouse T2X1 post flash RNA

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,759	1,866	0.8	2.0



Overall Results for sample 2 : Horse T2X1 small RNA

RNA Area: 733.4
 RNA Concentration: 3,444 pg/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



Overall Results for sample 3 : Horse T2X1 large RNA

RNA Area: 317.2
 RNA Concentration: 1,490 pg/μl
 rRNA Ratio [28s / 18s]: 1.9
 RNA Integrity Number (RIN): 8.1 (B.02.07)
 Result Flagging Color:
 Result Flagging Label: RIN: 8.10

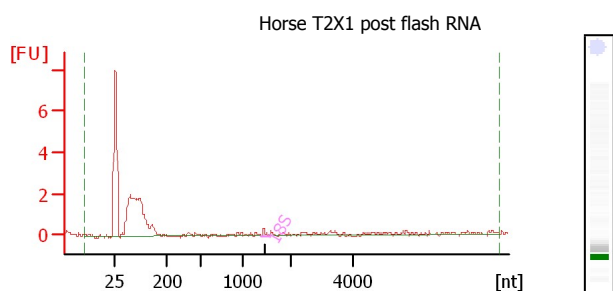
Fragment table for sample 3 : Horse T2X1 large RNA

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,578	2,001	43.4	13.7
28S	3,291	4,205	83.7	26.4

Assay Class: Eukaryote Total RNA Pico
 Data Path: D:\...Eukaryote Total RNA Pico_DE24802235_2010-07-14_00-01-09.xad

Created: 7/14/2010 12:01:09 AM
 Modified: 7/14/2010 12:24:19 AM

Electropherogram Summary Continued ...

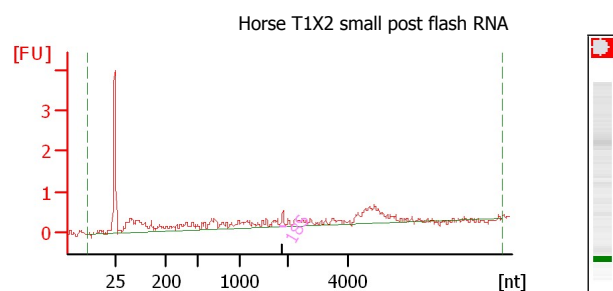


Overall Results for sample 4 : Horse T2X1 post flash RNA

RNA Area: 21.9
 RNA Concentration: 103 pg/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

Fragment table for sample 4 : Horse T2X1 post flash RNA

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,371	1,510	0.3	1.3

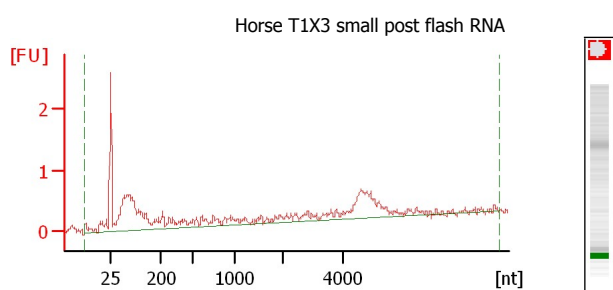


Overall Results for sample 5 : Horse T1X2 small post flash RNA

RNA Area: 13.9
 RNA Concentration: 65 pg/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

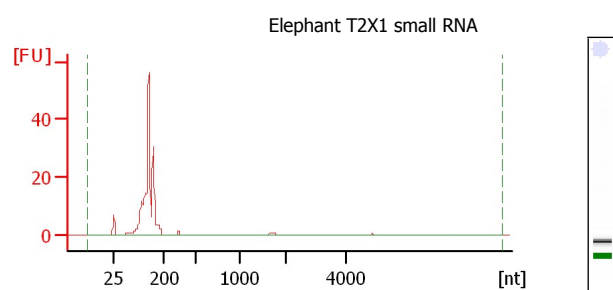
Fragment table for sample 5 : Horse T1X2 small post flash RNA

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,830	1,945	0.3	1.8



Overall Results for sample 6 : Horse T1X3 small post flash RNA

RNA Area: 17.1
 RNA Concentration: 80 pg/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



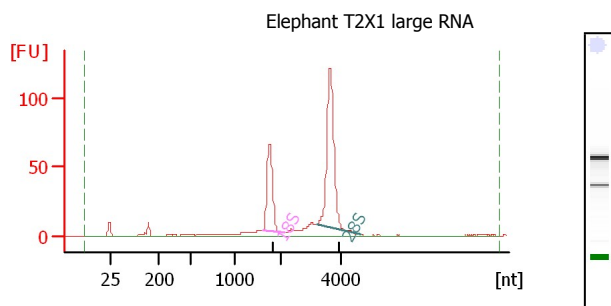
Overall Results for sample 7 : Elephant T2X1 small RNA

RNA Area: 159.3
 RNA Concentration: 748 pg/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

Assay Class: Eukaryote Total RNA Pico
 Data Path: D:\...Eukaryote Total RNA Pico_DE24802235_2010-07-14_00-01-09.xad

Created: 7/14/2010 12:01:09 AM
 Modified: 7/14/2010 12:24:19 AM

Electropherogram Summary Continued ...

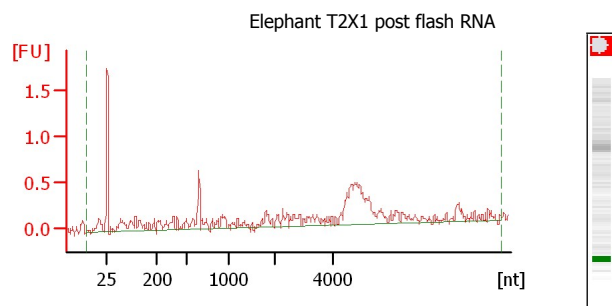


Overall Results for sample 8 : Elephant T2X1 large RNA

RNA Area: 526.9
 RNA Concentration: 2,474 pg/μl
 rRNA Ratio [28s / 18s]: 2.0
 RNA Integrity Number (RIN): 9.7 (B.02.07)
 Result Flagging Color:
 Result Flagging Label: RIN: 9.70

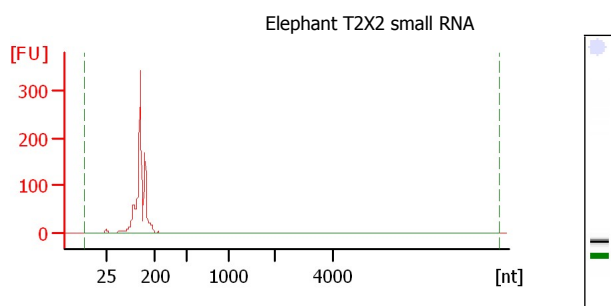
Fragment table for sample 8 : Elephant T2X1 large RNA

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,609	2,159	115.1	21.8
28S	3,194	4,647	234.5	44.5



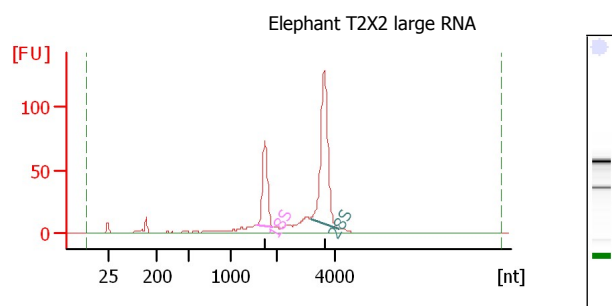
Overall Results for sample 9 : Elephant T2X1 post flash RNA

RNA Area: 9.1
 RNA Concentration: 43 pg/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 10 : Elephant T2X2 small RNA

RNA Area: 875.9
 RNA Concentration: 4,114 pg/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



Overall Results for sample 11 : Elephant T2X2 large RNA

RNA Area: 644.1
 RNA Concentration: 3,025 pg/μl
 rRNA Ratio [28s / 18s]: 2.1
 RNA Integrity Number (RIN): 9.4 (B.02.07)
 Result Flagging Color:
 Result Flagging Label: RIN: 9.40

Fragment table for sample 11 : Elephant T2X2 large RNA

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,595	1,933	120.6	18.7
28S	3,162	4,115	249.6	38.8

Assay Class: Eukaryote Total RNA Pico
Data Path: D:\...Eukaryote Total RNA Pico_DE24802235_2010-07-14_00-01-09.xad

Created: 7/14/2010 12:01:09 AM
Modified: 7/14/2010 12:24:19 AM

Gel Image