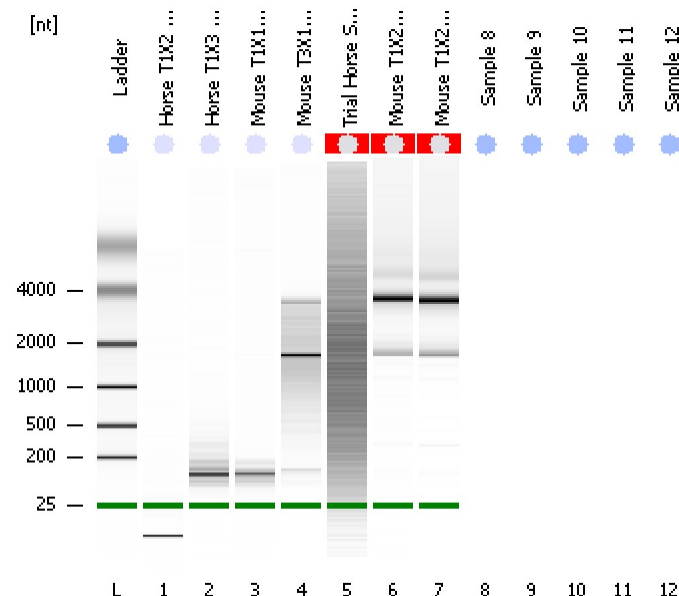


Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2010-06-29_14-16-28.xad

Created: 6/29/2010 2:16:28 PM
Modified: 6/30/2010 10:55:02 AM

Electrophoresis File Run SummaryInstrument Information:

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

Assay Information:

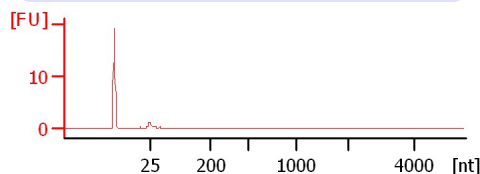
Assay Origin Path: D:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\Eukaryote Total RNA Nano Series II.xsy
Assay Class: Eukaryote Total RNA Nano
Version: 2.6
Assay Comments: Total RNA Analysis ng sensitivity (Eukaryote)
© Copyright 2003 - 2009 Agilent Technologies, Inc.

Chip Information:

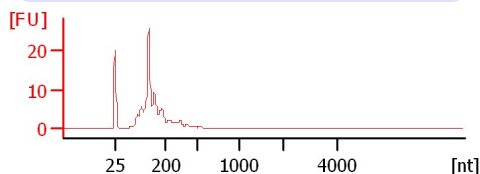
Chip Lot #:
Reagent Kit Lot #:
Chip Comments:

Horse T1X2 Small RNA

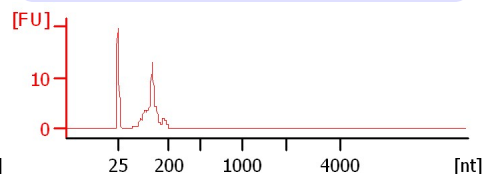
RIN: 2.30

**Horse T1X3 Small RNA**

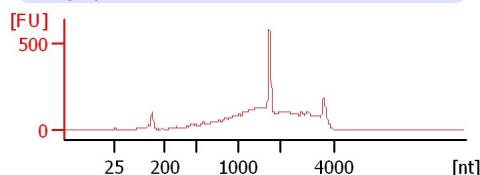
RIN: 2.50

**Mouse T1X1 Small RNA**

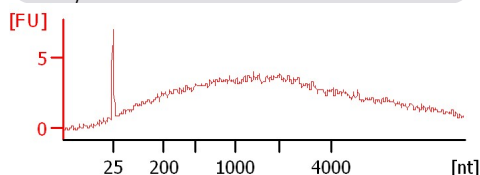
RIN: 2.60

**Mouse T3X1 Large RNA**

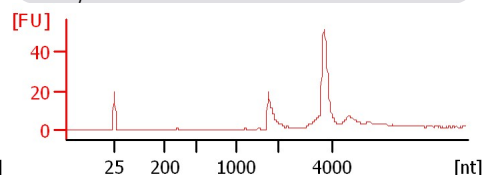
RIN: 5.20

**Trial Horse Small RNA**

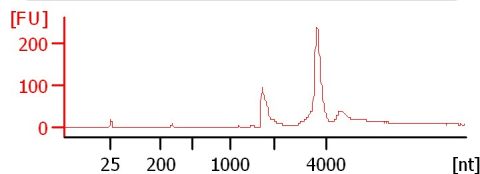
RIN N/A

**Mouse T1X2 Large RNA 1:8**

RIN N/A

**Mouse T1X2 Large RNA undiluted**

RIN N/A



Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2010-06-29_14-16-28.xad

Created: 6/29/2010 2:16:28 PM
Modified: 6/30/2010 10:55:02 AM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
Horse T1X2 Small RNA		✓	RIN: 2.30	
Horse T1X3 Small RNA		✓	RIN: 2.50	
Mouse T1X1 Small RNA		✓	RIN: 2.60	
Mouse T3X1 Large RNA		✓	RIN: 5.20	
Trial Horse Small RNA		✓	RIN N/A	
Mouse T1X2 Large RNA		✓	RIN N/A	
1:8				
Mouse T1X2 Large RNA		✓	RIN N/A	
undiluted				
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_2010-06-29_14-16-28.xad

Created: 6/29/2010 2:16:28 PM
Modified: 6/30/2010 10:55:02 AM

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

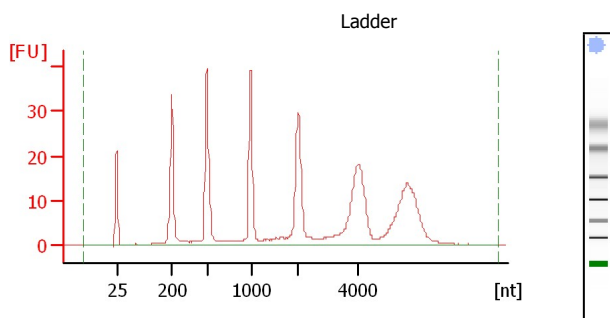
Ladder

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_2010-06-29_14-16-28.xad

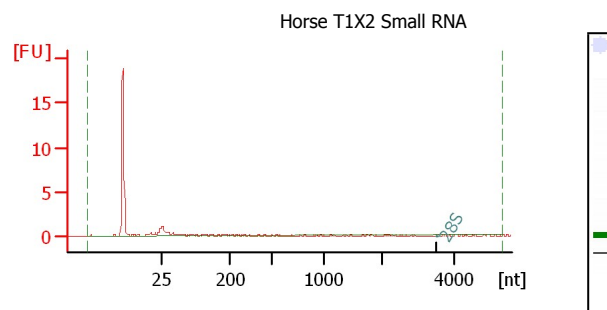
Created: 6/29/2010 2:16:28 PM
Modified: 6/30/2010 10:55:02 AM

Electropherogram Summary



Overall Results for Ladder

RNA Area: 404.8
RNA Concentration: 150 ng/μl
Result Flagging Color:
Result Flagging Label: All Other Samples

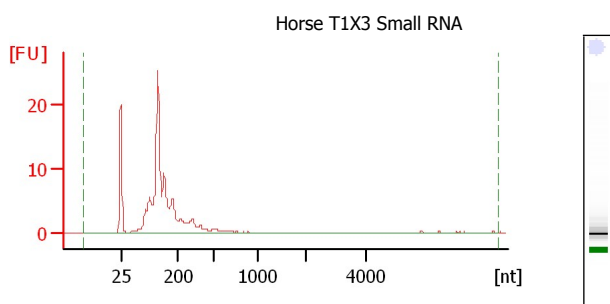


Overall Results for sample 1 : Horse T1X2 Small RNA

RNA Area: 30.0
RNA Concentration: 11 ng/μl
rRNA Ratio [28s / 18s]: 0.0
RNA Integrity Number (RIN): 2.3 (B.02.07)
Result Flagging Color:
Result Flagging Label: RIN: 2.30

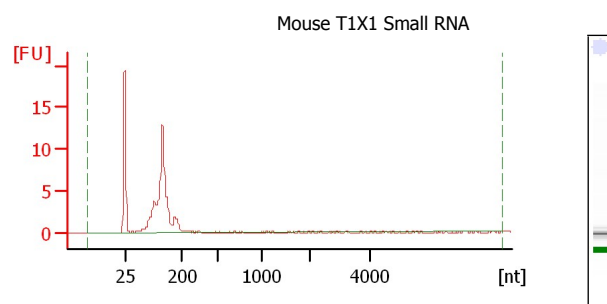
Fragment table for sample 1 : Horse T1X2 Small RNA

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
28S	3,479	3,573	0.1	0.4



Overall Results for sample 2 : Horse T1X3 Small RNA

RNA Area: 116.9
RNA Concentration: 43 ng/μl
rRNA Ratio [28s / 18s]: 0.0
RNA Integrity Number (RIN): 2.5 (B.02.07)
Result Flagging Color:
Result Flagging Label: RIN: 2.50



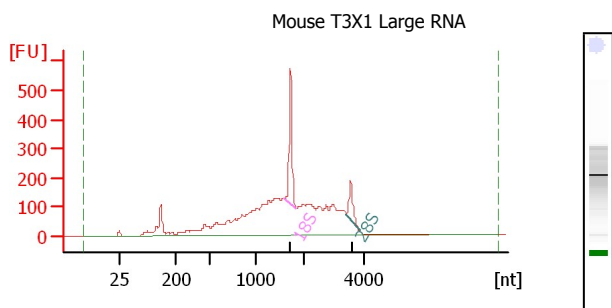
Overall Results for sample 3 : Mouse T1X1 Small RNA

RNA Area: 50.6
RNA Concentration: 19 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

Assay Class: Eukaryote Total RNA Nano
 Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2010-06-29_14-16-28.xad

Created: 6/29/2010 2:16:28 PM
 Modified: 6/30/2010 10:55:02 AM

Electropherogram Summary Continued ...

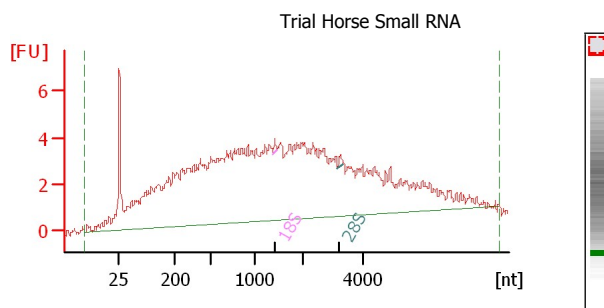


Overall Results for sample 4 : Mouse T3X1 Large RNA

RNA Area: 4,484.8
 RNA Concentration: 1,662 ng/μl
 rRNA Ratio [28s / 18s]: 0.3
 RNA Integrity Number (RIN): 5.2 (B.02.07)
 Result Flagging Color:
 Result Flagging Label: RIN: 5.20

Fragment table for sample 4 : Mouse T3X1 Large RNA

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,588	1,839	425.5	9.5
28S	3,459	3,868	133.8	3.0

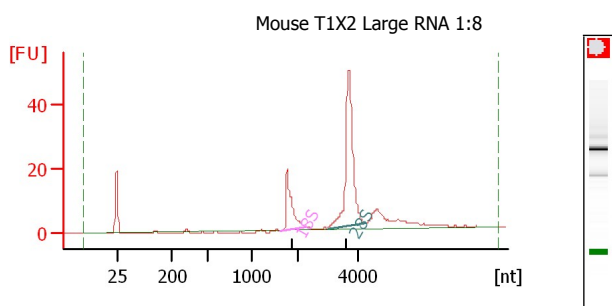


Overall Results for sample 5 : Trial Horse Small RNA

RNA Area: 212.2
 RNA Concentration: 79 ng/μl
 rRNA Ratio [28s / 18s]: 1.0
 RNA Integrity Number (RIN): N/A (B.02.07)
 Result Flagging Color:
 Result Flagging Label: RIN N/A

Fragment table for sample 5 : Trial Horse Small RNA

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,385	1,472	0.3	0.2
28S	3,179	3,335	0.3	0.2

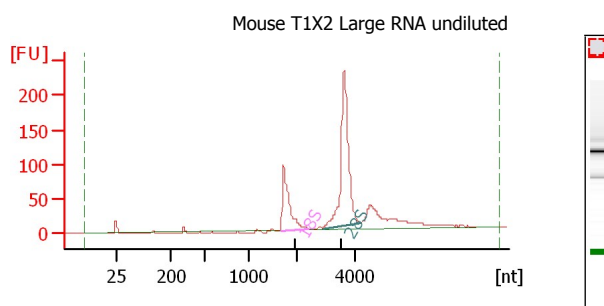


Overall Results for sample 6

RNA Area: 185.8
 RNA Concentration: 69 ng/μl
 rRNA Ratio [28s / 18s]: 2.8
 RNA Integrity Number (RIN): N/A (B.02.07)
 Result Flagging Color:
 Result Flagging Label: RIN N/A

Fragment table for sample 6

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,614	2,242	33.6	18.1
28S	3,000	4,299	94.5	50.9



Overall Results for sample 7 : Mouse T1X2 Large RNA undiluted

RNA Area: 967.3
 RNA Concentration: 358 ng/μl
 rRNA Ratio [28s / 18s]: 2.3
 RNA Integrity Number (RIN): N/A (B.02.07)
 Result Flagging Color:
 Result Flagging Label: RIN N/A

Fragment table for sample 7 : Mouse T1X2 Large RNA undiluted

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,661	2,442	198.1	20.5
28S	2,917	4,214	465.2	48.1

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2010-06-29_14-16-28.xad

Created: 6/29/2010 2:16:28 PM
Modified: 6/30/2010 10:55:02 AM

Gel Image