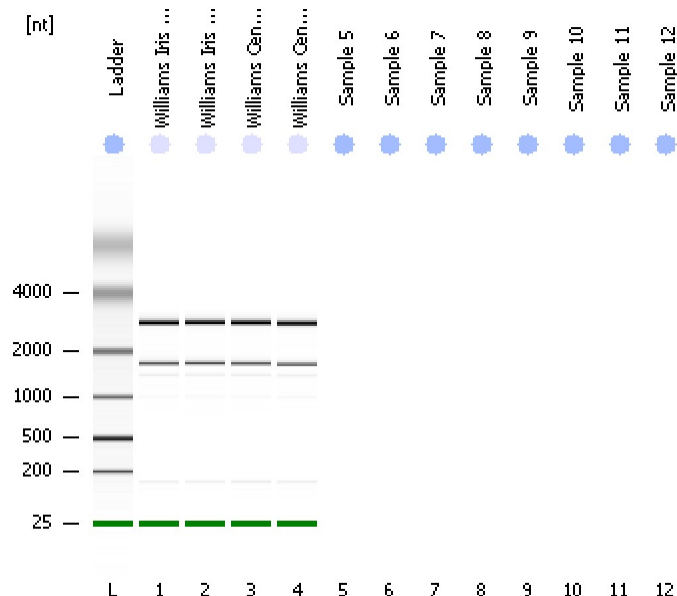


Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2011-08-23_13-41-38.xad

Created: 8/23/2011 1:41:37 PM
Modified: 8/23/2011 2:09:17 PM

Electrophoresis File Run Summary



Instrument 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)

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Chip Information:

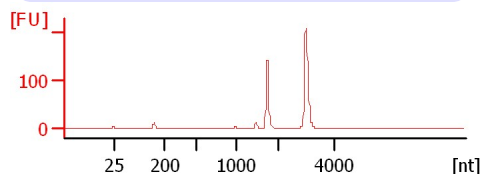
Chip Lot #:

Reagent Kit Lot #:

Chip Comments:

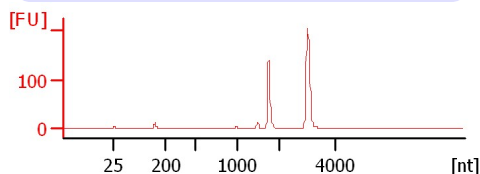
Williams Iris +3h 20x dil Total RNA a...

RIN:10



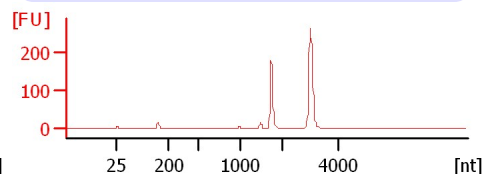
Williams Iris Control 24h 20x dil Tot...

RIN:10



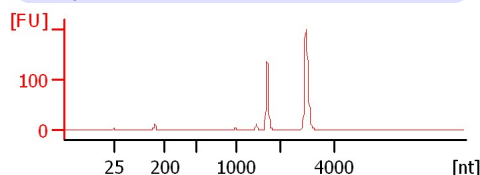
Williams Centurk 3h 20x dil Total RNA...

RIN:10



Williams Centurk +L 6h 20x dil Total ...

RIN:10



Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2011-08-23_13-41-38.xad

Created: 8/23/2011 1:41:37 PM
Modified: 8/23/2011 2:09:17 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
Williams Iris +3h 20x dil Total RNA as received		✓	RIN:10	
Williams Iris Control 24h 20x dil Total RNA as received		✓	RIN:10	
Williams Centurk 3h 20x dil Total RNA as received		✓	RIN:10	
Williams Centurk +L 6h 20x dil Total RNA as received		✓	RIN:10	
Sample 5				
Sample 6				
Sample 7				
Sample 8				
Sample 9				
Sample 10				
Sample 11				
Sample 12				
Ladder		✓	All Other Samples	

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

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2011-08-23_13-41-38.xad

Created: 8/23/2011 1:41:37 PM
Modified: 8/23/2011 2:09:17 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/ μ l] : 150

Lower Marker Concentration [ng/ μ l] : 0

Upper Marker Concentration [ng/ 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] : 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

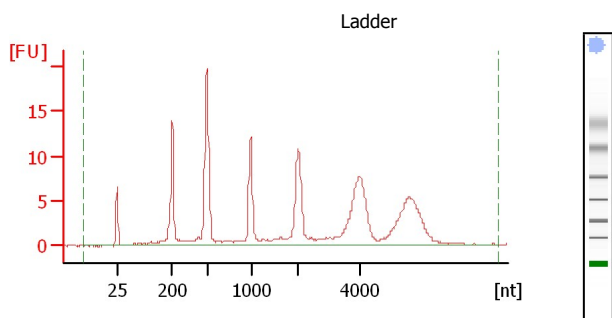
Ladder

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_2011-08-23_13-41-38.xad

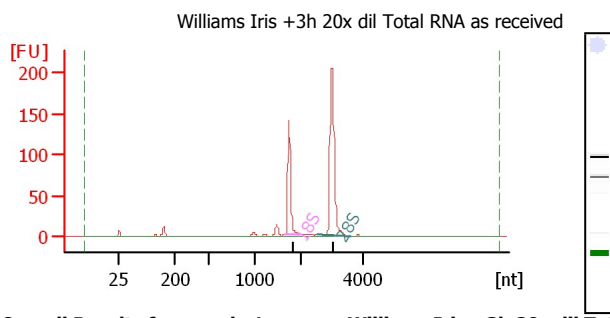
Created: 8/23/2011 1:41:37 PM
 Modified: 8/23/2011 2:09:17 PM

Electropherogram Summary



Overall Results for Ladder

RNA Area: 173.4
 RNA Concentration: 150 ng/μl
 Result Flagging Color:
 Result Flagging Label: All Other Samples

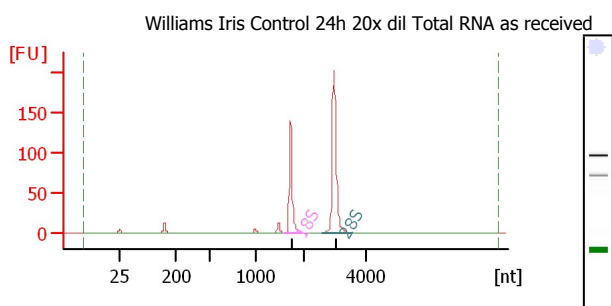


Overall Results for sample 1 : Williams Iris +3h 20x dil Total RNA

RNA Area: 464.6
 RNA Concentration: 402 ng/μl
 rRNA Ratio [28s / 18s]: 1.9
 RNA Integrity Number (RIN): 10 (B.02.08)
 Result Flagging Color:
 Result Flagging Label: RIN:10

Fragment table for sample 1 : Williams Iris +3h 20x dil Total RNA

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,650	1,984	132.1	28.4
28S	2,466	3,568	247.1	53.2

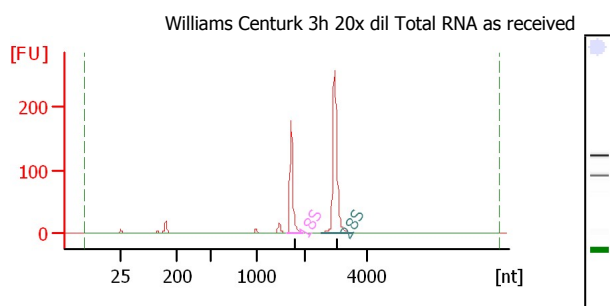


Overall Results for sample 2 : Williams Iris Control 24h 20x dil Total RNA

RNA Area: 447.4
 RNA Concentration: 387 ng/μl
 rRNA Ratio [28s / 18s]: 1.8
 RNA Integrity Number (RIN): 10 (B.02.08)
 Result Flagging Color:
 Result Flagging Label: RIN:10

Fragment table for sample 2 : Williams Iris Control 24h 20x dil Total RNA

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,619	1,978	128.2	28.7
28S	2,615	3,575	236.9	53.0



Overall Results for sample 3 : Williams Centurk 3h 20x dil Total RNA

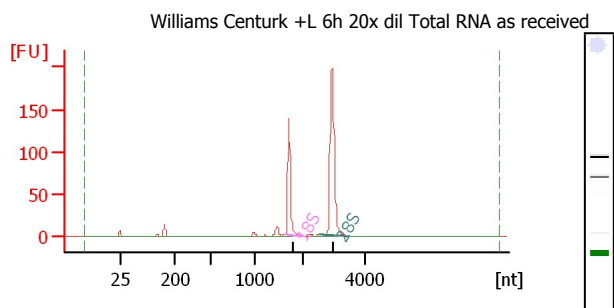
RNA Area: 584.1
 RNA Concentration: 505 ng/μl
 rRNA Ratio [28s / 18s]: 1.9
 RNA Integrity Number (RIN): 10 (B.02.08, Anomaly Threshold(s) manually adapted)
 Result Flagging Color:
 Result Flagging Label: RIN:10

Fragment table for sample 3 : Williams Centurk 3h 20x dil Total RNA

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,645	1,969	164.1	28.1
28S	2,547	3,548	309.2	52.9

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2011-08-23_13-41-38.xad

Created: 8/23/2011 1:41:37 PM
Modified: 8/23/2011 2:09:17 PM

Electropherogram Summary Continued ...**Overall Results for sample 4 : Williams Centurk +L 6h 20x dil Tc**

RNA Area: 434.0
RNA Concentration: 375 ng/μl
rRNA Ratio [28s / 18s]: 1.9
RNA Integrity Number (RIN): 10 (B.02.08, Anomaly Threshold(s) manually adapted)
Result Flagging Color:
Result Flagging Label: RIN:10

Fragment table for sample 4 : Williams Centurk +L 6h 20x dil Tot

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
------	-----------------	---------------	------	-----------------

18S	1,643	1,985	121.8	28.1
28S	2,534	3,525	234.0	53.9

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2011-08-23_13-41-38.xad

Created: 8/23/2011 1:41:37 PM
Modified: 8/23/2011 2:09:17 PM

Gel Image