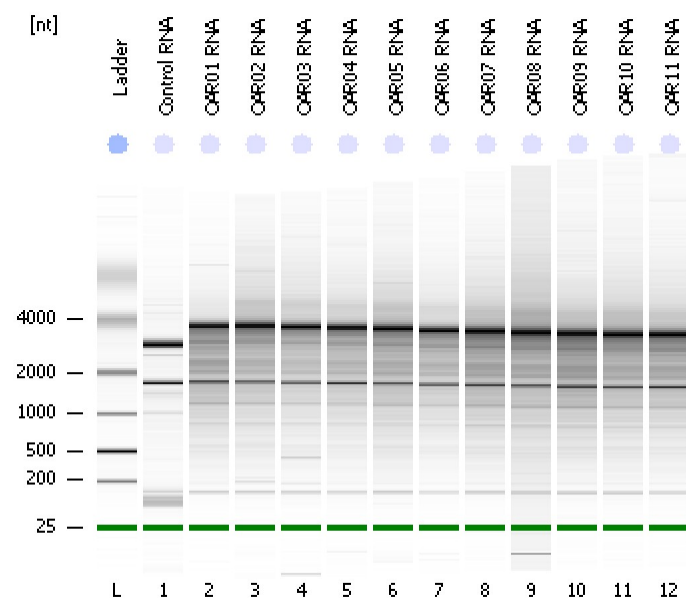


Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2010-11-12_16-17-00.xad

Created: 11/12/2010 4:17:00 PM
Modified: 3/15/2011 11:02:35 AM

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:

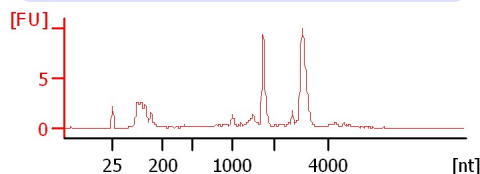
Chip Lot #:

Reagent Kit Lot #:

Chip Comments:

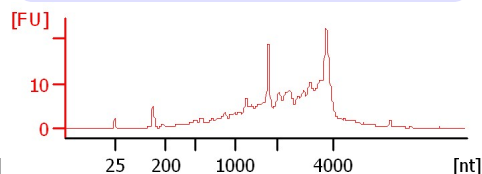
Control RNA

RIN: 8.30



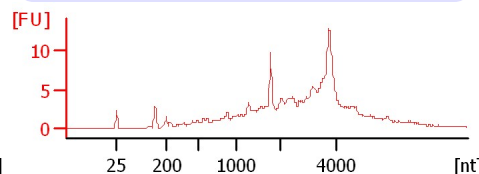
OAR1 RNA

RIN: 5.90



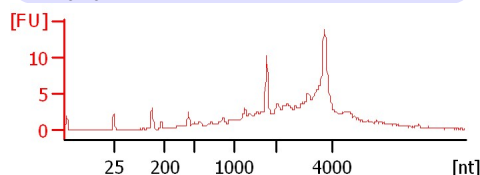
OAR2 RNA

RIN: 5.60



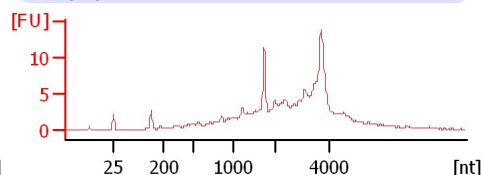
OAR3 RNA

RIN: 6.20



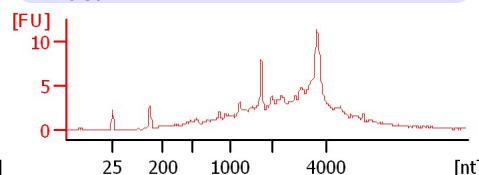
OAR4 RNA

RIN: 6.10



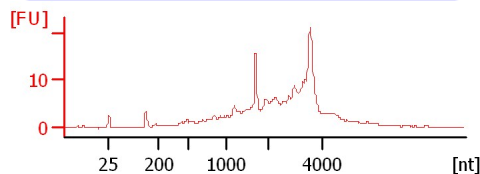
OAR5 RNA

RIN: 5.30



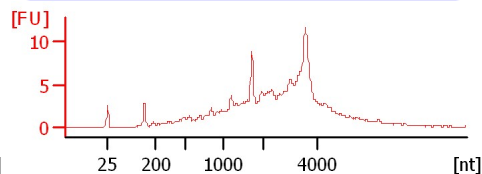
OAR6 RNA

RIN: 6.30



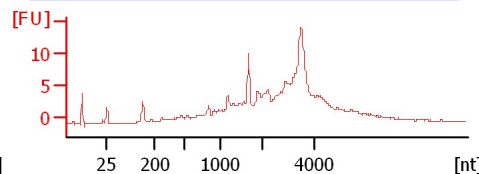
OAR7 RNA

RIN: 5.10



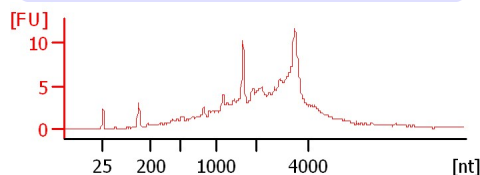
OAR8 RNA

RIN: 4.70



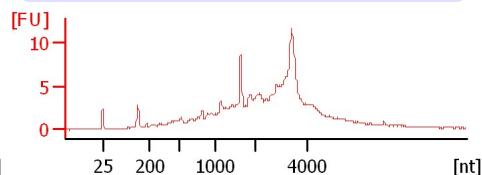
OAR9 RNA

RIN: 5.30



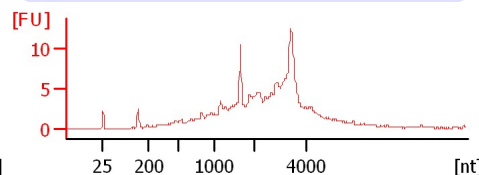
OAR10 RNA

RIN: 5.10



OAR11 RNA

RIN: 5.70



Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2010-11-12_16-17-00.xad

Created: 11/12/2010 4:17:00 PM
Modified: 3/15/2011 11:02:35 AM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
Control RNA		✓	RIN: 8.30	
OAR01 RNA		✓	RIN: 5.90	
OAR02 RNA		✓	RIN: 5.60	
OAR03 RNA		✓	RIN: 6.20	
OAR04 RNA		✓	RIN: 6.10	
OAR05 RNA		✓	RIN: 5.30	
OAR06 RNA		✓	RIN: 6.30	
OAR07 RNA		✓	RIN: 5.10	
OAR08 RNA		✓	RIN: 4.70	
OAR09 RNA		✓	RIN: 5.30	
OAR10 RNA		✓	RIN: 5.10	
OAR11 RNA		✓	RIN: 5.70	

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

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2010-11-12_16-17-00.xad

Created: 11/12/2010 4:17:00 PM
Modified: 3/15/2011 11:02:35 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/ 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

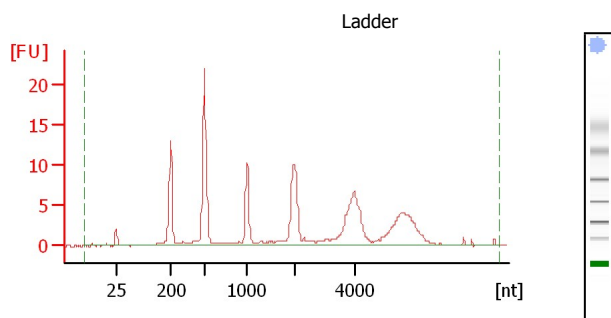
Ladder

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_2010-11-12_16-17-00.xad

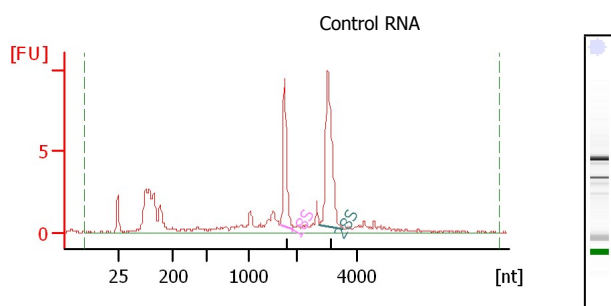
Created: 11/12/2010 4:17:00 PM
Modified: 3/15/2011 11:02:35 AM

Electropherogram Summary



Overall Results for Ladder

RNA Area: 149.0
RNA Concentration: 150 ng/μl
Result Flagging Color:
Result Flagging Label: All Other Samples



Overall Results for sample 1 : Control RNA

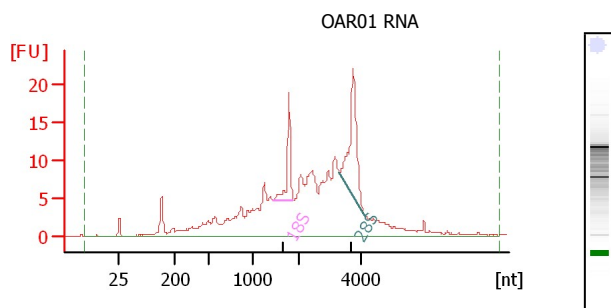
RNA Area: 72.2
RNA Concentration: 73 ng/μl
rRNA Ratio [28s / 18s]: 1.9
RNA Integrity Number (RIN): 8.3 (B.02.07)
Result Flagging Color:
Result Flagging Label: RIN: 8.30

Fragment table for sample 1 : Control RNA

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,647	1,922	9.4	13.0
28S	2,735	3,521	17.3	24.0

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2010-11-12_16-17-00.xad

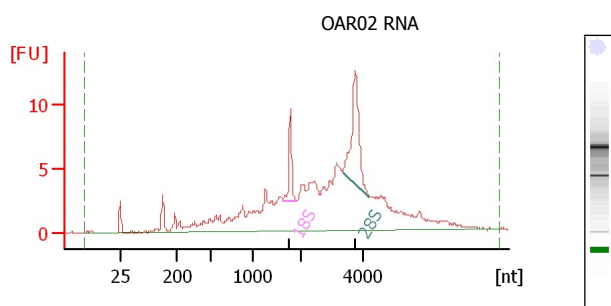
Created: 11/12/2010 4:17:00 PM
Modified: 3/15/2011 11:02:35 AM

Electropherogram Summary Continued ...**Overall Results for sample 2 : OAR01 RNA**

RNA Area: 294.7
RNA Concentration: 297 ng/μl
rRNA Ratio [28s / 18s]: 2.1
RNA Integrity Number (RIN): 5.9 (B.02.07)
Result Flagging Color:
Result Flagging Label: RIN: 5.90

Fragment table for sample 2 : OAR01 RNA

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,442	1,873	14.7	5.0
28S	3,294	4,129	30.7	10.4

**Overall Results for sample 3 : OAR02 RNA**

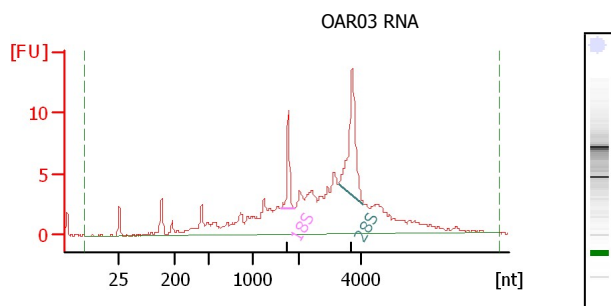
RNA Area: 165.0
RNA Concentration: 166 ng/μl
rRNA Ratio [28s / 18s]: 2.8
RNA Integrity Number (RIN): 5.6 (B.02.07)
Result Flagging Color:
Result Flagging Label: RIN: 5.60

Fragment table for sample 3 : OAR02 RNA

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,612	1,893	6.1	3.7
28S	3,346	4,218	16.9	10.3

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2010-11-12_16-17-00.xad

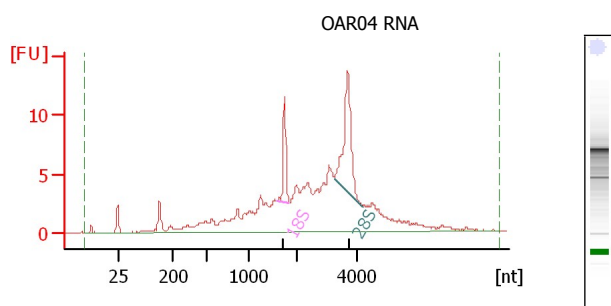
Created: 11/12/2010 4:17:00 PM
Modified: 3/15/2011 11:02:35 AM

Electropherogram Summary Continued ...**Overall Results for sample 4 : OAR03 RNA**

RNA Area: 153.1
RNA Concentration: 154 ng/μl
rRNA Ratio [28s / 18s]: 2.8
RNA Integrity Number (RIN): 6.2 (B.02.07)
Result Flagging Color:
Result Flagging Label: RIN: 6.20

Fragment table for sample 4 : OAR03 RNA

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,592	1,908	6.8	4.5
28S	3,253	4,088	18.8	12.3

**Overall Results for sample 5 : OAR04 RNA**

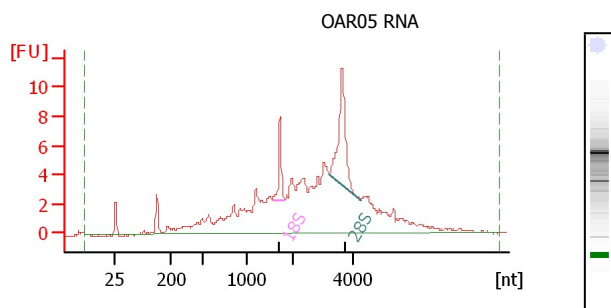
RNA Area: 165.4
RNA Concentration: 166 ng/μl
rRNA Ratio [28s / 18s]: 2.6
RNA Integrity Number (RIN): 6.1 (B.02.07)
Result Flagging Color:
Result Flagging Label: RIN: 6.10

Fragment table for sample 5 : OAR04 RNA

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,576	1,851	7.4	4.5
28S	3,259	4,170	19.7	11.9

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2010-11-12_16-17-00.xad

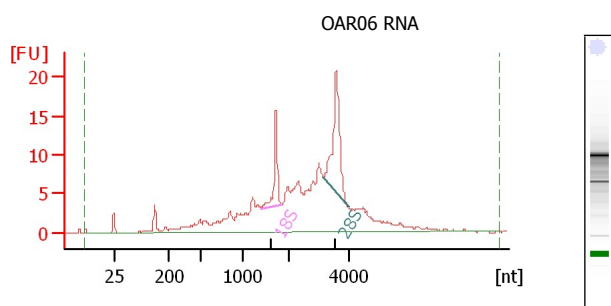
Created: 11/12/2010 4:17:00 PM
Modified: 3/15/2011 11:02:35 AM

Electropherogram Summary Continued ...**Overall Results for sample 6 : OAR05 RNA**

RNA Area: 151.1
RNA Concentration: 152 ng/μl
rRNA Ratio [28s / 18s]: 3.0
RNA Integrity Number (RIN): 5.3 (B.02.07)
Result Flagging Color:
Result Flagging Label: RIN: 5.30

Fragment table for sample 6 : OAR05 RNA

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,567	1,836	5.2	3.4
28S	3,211	4,257	15.5	10.3

**Overall Results for sample 7 : OAR06 RNA**

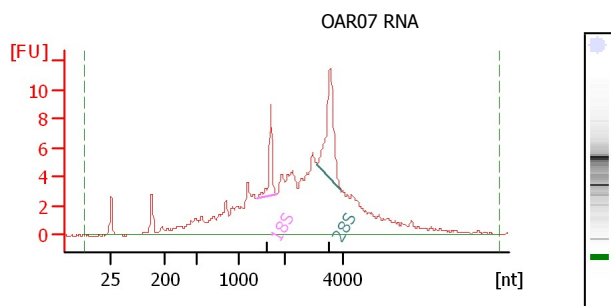
RNA Area: 239.8
RNA Concentration: 241 ng/μl
rRNA Ratio [28s / 18s]: 2.4
RNA Integrity Number (RIN): 6.3 (B.02.07)
Result Flagging Color:
Result Flagging Label: RIN: 6.30

Fragment table for sample 7 : OAR06 RNA

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,389	1,823	12.3	5.1
28S	3,132	3,976	29.6	12.3

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2010-11-12_16-17-00.xad

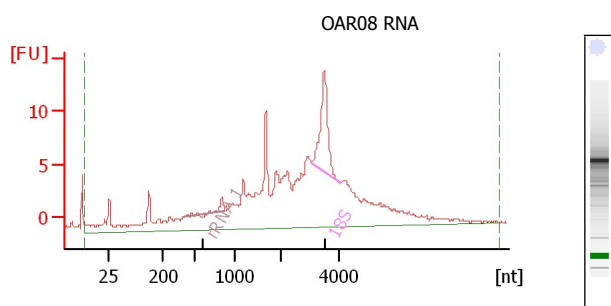
Created: 11/12/2010 4:17:00 PM
Modified: 3/15/2011 11:02:35 AM

Electropherogram Summary Continued ...**Overall Results for sample 8 : OAR07 RNA**

RNA Area: 175.1
RNA Concentration: 176 ng/μl
rRNA Ratio [28s / 18s]: 2.4
RNA Integrity Number (RIN): 5.1 (B.02.07)
Result Flagging Color:
Result Flagging Label: RIN: 5.10

Fragment table for sample 8 : OAR07 RNA

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,385	1,825	6.4	3.7
28S	3,125	3,909	15.3	8.8

**Overall Results for sample 9 : OAR08 RNA**

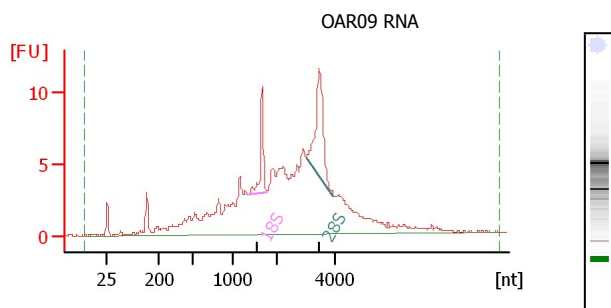
RNA Area: 266.4
RNA Concentration: 268 ng/μl
rRNA Ratio [28s / 18s]: 0.0
RNA Integrity Number (RIN): 4.7 (B.02.07)
Result Flagging Color:
Result Flagging Label: RIN: 4.70

Fragment table for sample 9 : OAR08 RNA

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
rRNA 1	394	872	2.6	1.0
18S	3,059	4,053	20.1	7.6

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2010-11-12_16-17-00.xad

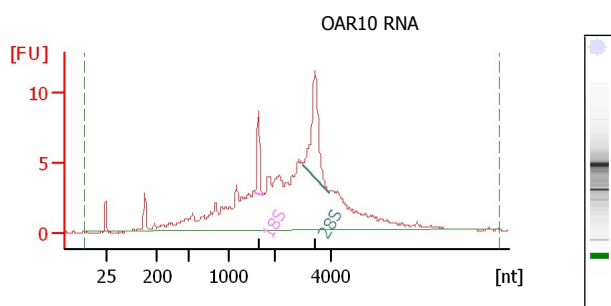
Created: 11/12/2010 4:17:00 PM
Modified: 3/15/2011 11:02:35 AM

Electropherogram Summary Continued ...**Overall Results for sample 10 : OAR09 RNA**

RNA Area: 191.9
RNA Concentration: 193 ng/μl
rRNA Ratio [28s / 18s]: 2.2
RNA Integrity Number (RIN): 5.3 (B.02.07)
Result Flagging Color:
Result Flagging Label: RIN: 5.30

Fragment table for sample 10 : OAR09 RNA

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,374	1,757	7.4	3.9
28S	3,005	3,950	16.1	8.4

**Overall Results for sample 11 : OAR10 RNA**

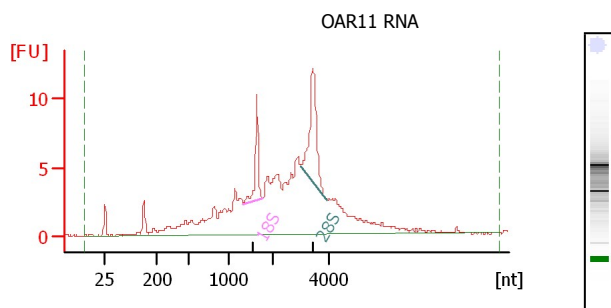
RNA Area: 161.2
RNA Concentration: 162 ng/μl
rRNA Ratio [28s / 18s]: 3.3
RNA Integrity Number (RIN): 5.1 (B.02.07)
Result Flagging Color:
Result Flagging Label: RIN: 5.10

Fragment table for sample 11 : OAR10 RNA

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,573	1,742	4.8	3.0
28S	2,994	3,904	15.7	9.8

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2010-11-12_16-17-00.xad

Created: 11/12/2010 4:17:00 PM
Modified: 3/15/2011 11:02:35 AM

Electropherogram Summary Continued ...**Overall Results for sample 12 : OAR11 RNA**

RNA Area: 172.7
RNA Concentration: 174 ng/μl
rRNA Ratio [28s / 18s]: 2.2
RNA Integrity Number (RIN): 5.7 (B.02.07)
Result Flagging Color:
Result Flagging Label: RIN: 5.70

Fragment table for sample 12 : OAR11 RNA

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,332	1,787	7.7	4.5
28S	2,996	3,924	17.0	9.8

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...\Eukaryote Total RNA Nano_DE24802235_2010-11-12_16-17-00.xad

Created: 11/12/2010 4:17:00 PM
Modified: 3/15/2011 11:02:35 AM

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