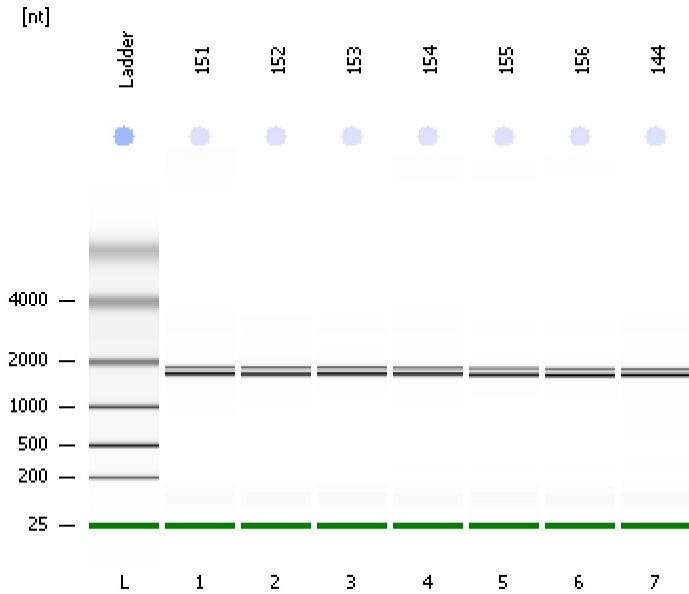


Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...ert\data\2018-06-13\2018-06-13_001_HiSeq1420_RNAQC_2of2.xad

Created: 6/13/2018 8:07:53 AM
Modified: 6/27/2018 5:28:51 PM

Electrophoresis File Run Summary



Instrument Information:

Instrument Name: DE34903152 Firmware: C.01.069
Serial#: DE34903152 Type: G2938C

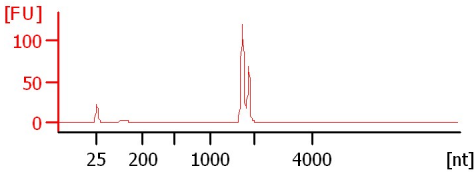
Assay Information:

Assay Origin Path: C:\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.

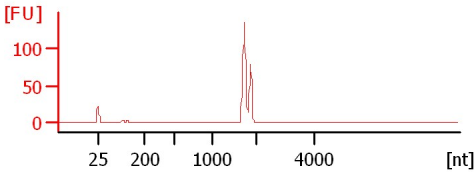
Chip Information:

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

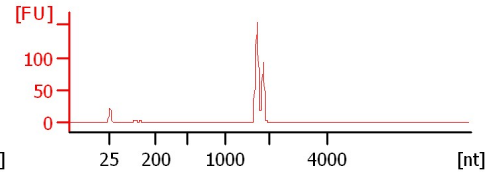
151
Oveido
RIN: 9.20



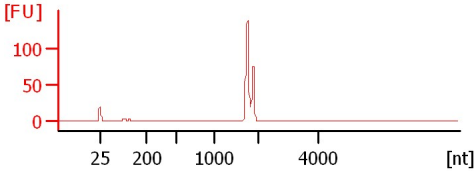
152
Oveido
RIN: 9.30



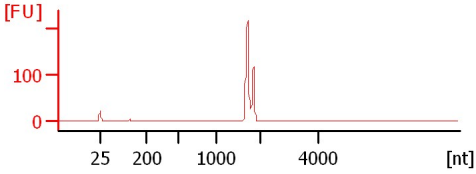
153
Oveido
RIN: 9.40



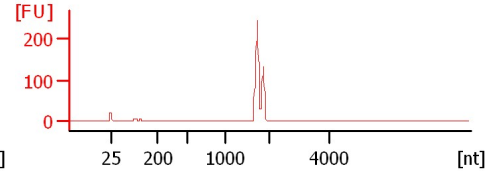
154
Oveido
RIN: 9.40



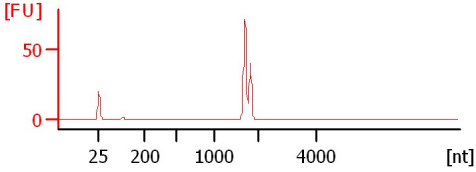
155
Oveido
RIN: 9.40



156
Oveido
RIN: 9.30



144
Oveido
RIN: 9.10



Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...ert\data\2018-06-13\2018-06-13_001_HiSeq1420_RNAQC_2of2.xad

Created: 6/13/2018 8:07:53 AM
 Modified: 6/27/2018 5:28:51 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
151	Oveido	✓	RIN: 9.20	
152	Oveido	✓	RIN: 9.30	
153	Oveido	✓	RIN: 9.40	
154	Oveido	✓	RIN: 9.40	
155	Oveido	✓	RIN: 9.40	
156	Oveido	✓	RIN: 9.30	
144	Oveido	✓	RIN: 9.10	
Ladder		✓	All Other Samples	

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...ert\data\2018-06-13\2018-06-13_001_HiSeq1420_RNAQC_2of2.xad

Created: 6/13/2018 8:07:53 AM
Modified: 6/27/2018 5:28:51 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

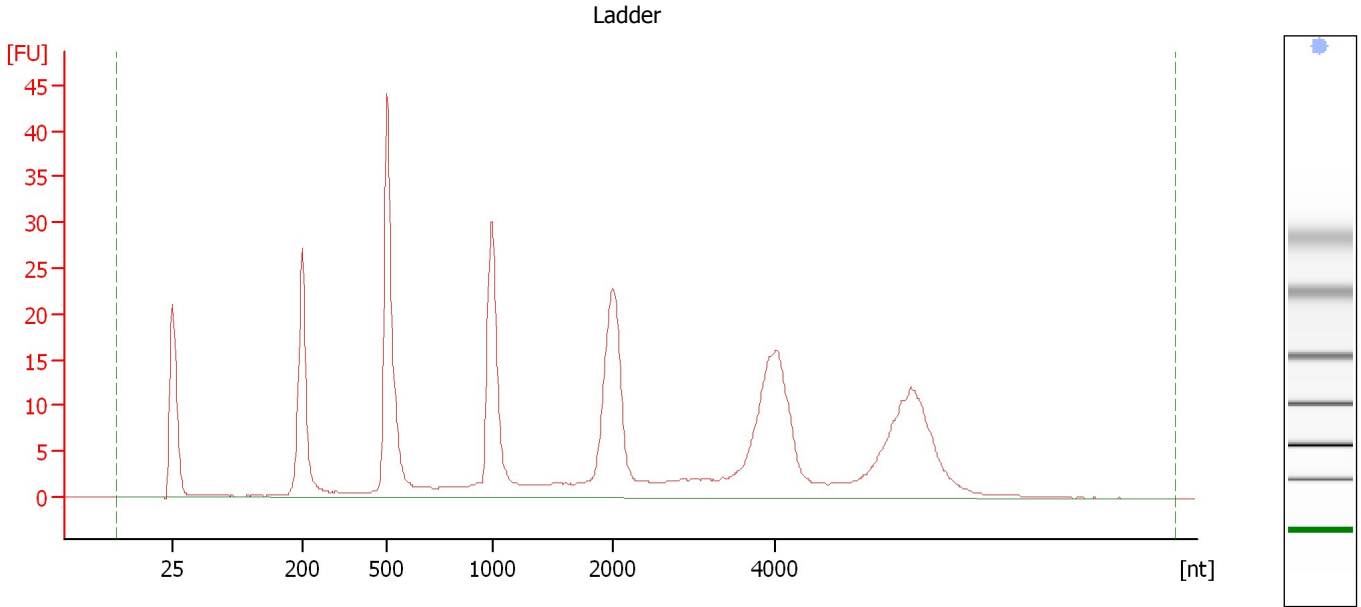
Ladder

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

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...ert\data\2018-06-13\2018-06-13_001_HiSeq1420_RNAQC_2of2.xad

Created: 6/13/2018 8:07:53 AM
Modified: 6/27/2018 5:28:51 PM

Electropherogram Summary



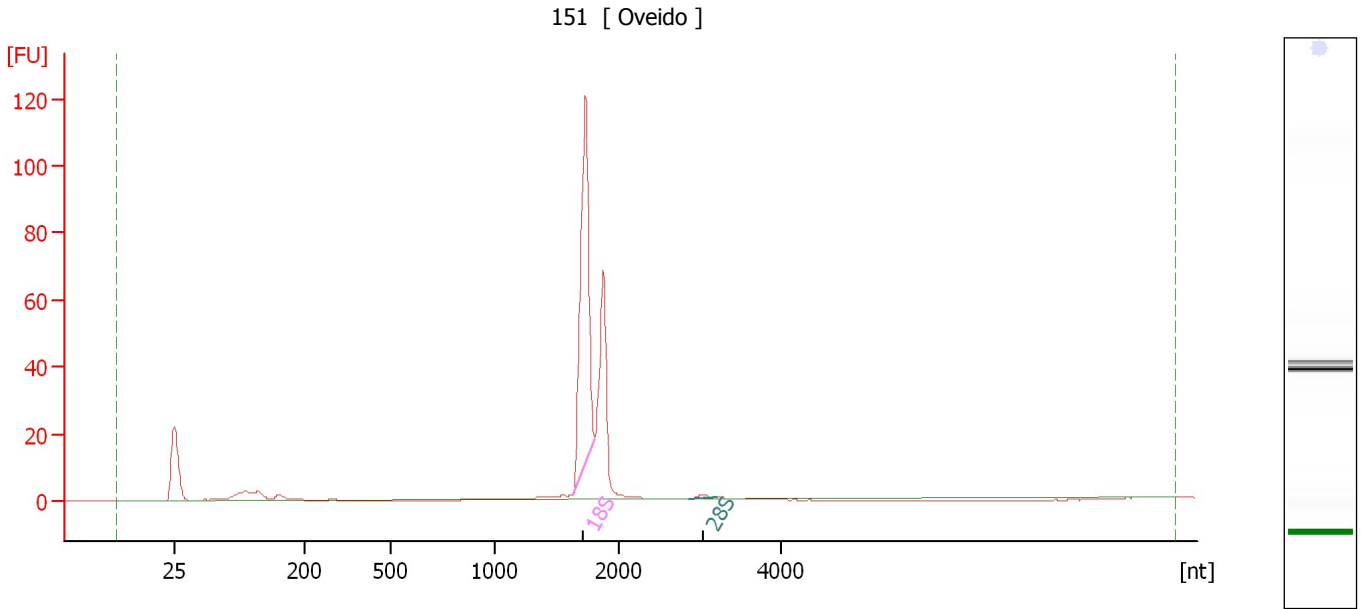
Overall Results for Ladder

RNA Area:	372.1	Result Flagging Color:	
RNA Concentration:	150 ng/μl	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...ert\data\2018-06-13\2018-06-13_001_HiSeq1420_RNAQC_2of2.xad

Created: 6/13/2018 8:07:53 AM
 Modified: 6/27/2018 5:28:51 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : 151

RNA Area:	237.3	RNA Integrity Number (RIN):	9.2 (B.02.08, Anomaly Threshold(s) manually adapted)
RNA Concentration:	96 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 9.20

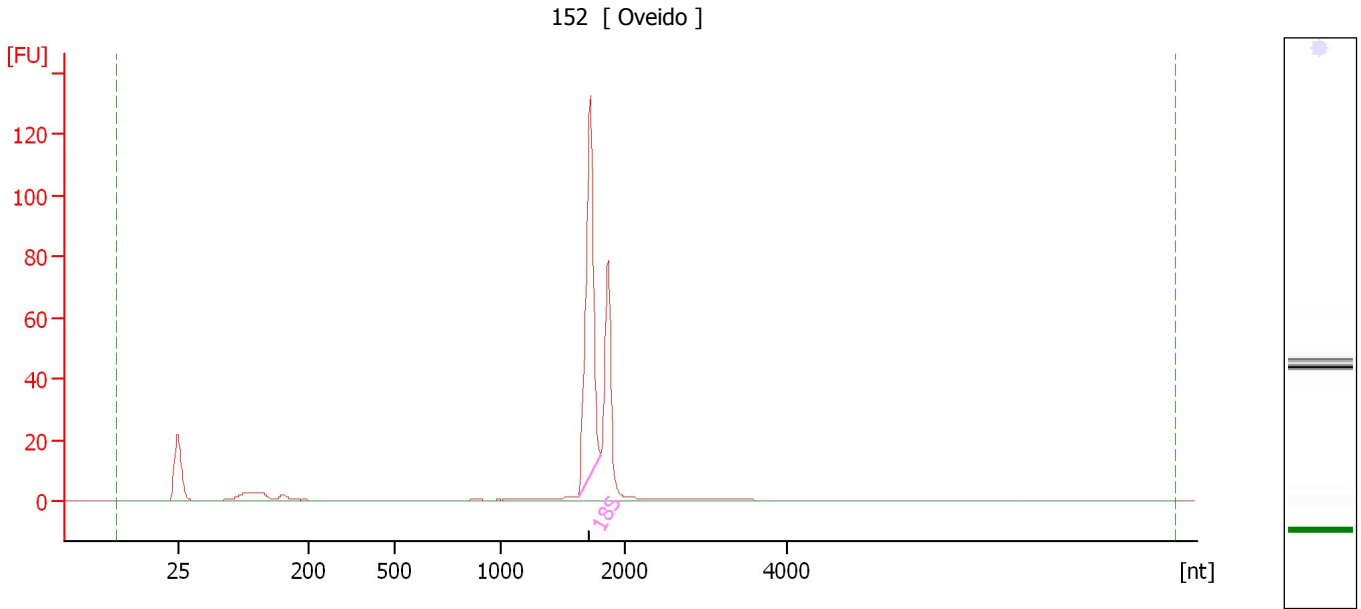
Fragment table for sample 1 : 151

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,634	1,817	113.6	47.9
28S	2,885	3,214	1.3	0.5

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...ert\data\2018-06-13\2018-06-13_001_HiSeq1420_RNAQC_2of2.xad

Created: 6/13/2018 8:07:53 AM
 Modified: 6/27/2018 5:28:51 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : 152

RNA Area:	261.5	RNA Integrity Number (RIN):	9.3 (B.02.08, Anomaly Threshold(s) manually adapted)
RNA Concentration:	105 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 9.30

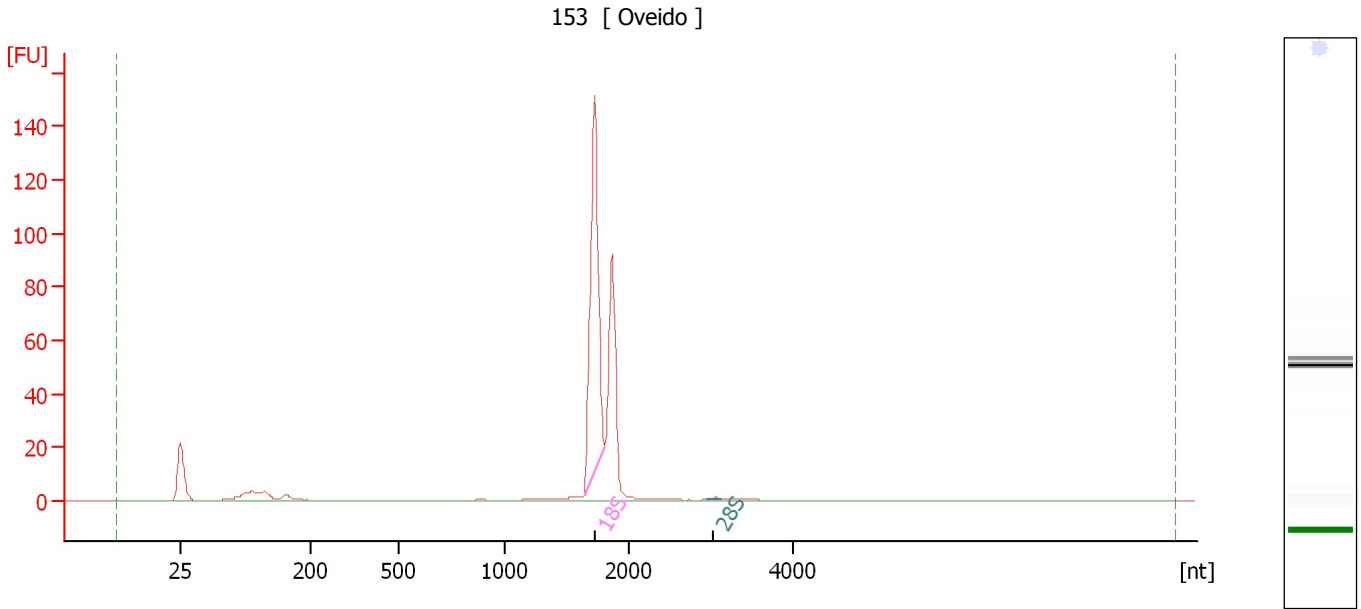
Fragment table for sample 2 : 152

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,629	1,803	123.8	47.3

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...ert\data\2018-06-13\2018-06-13_001_HiSeq1420_RNAQC_2of2.xad

Created: 6/13/2018 8:07:53 AM
 Modified: 6/27/2018 5:28:51 PM

Electropherogram Summary Continued ...



Overall Results for sample 3 : 153

RNA Area:	301.2	RNA Integrity Number (RIN):	9.4 (B.02.08, Anomaly Threshold(s) manually adapted)
RNA Concentration:	121 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 9.40

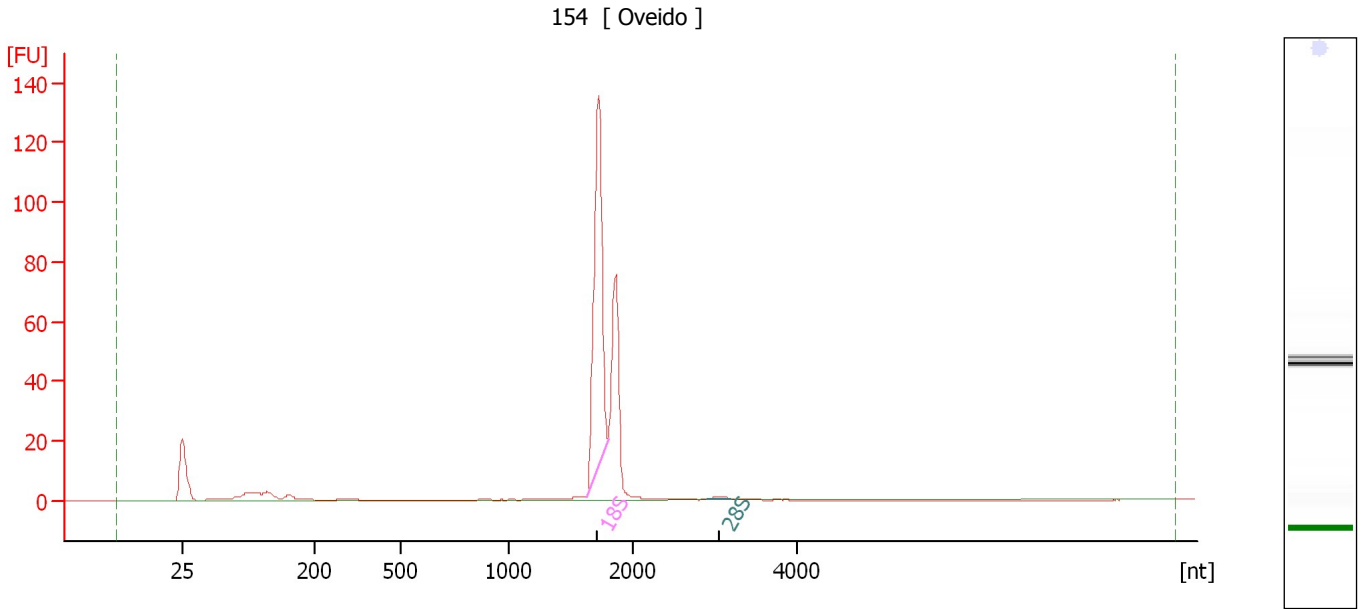
Fragment table for sample 3 : 153

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,641	1,805	141.2	46.9
28S	2,957	3,140	0.3	0.1

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...ert\data\2018-06-13\2018-06-13_001_HiSeq1420_RNAQC_2of2.xad

Created: 6/13/2018 8:07:53 AM
 Modified: 6/27/2018 5:28:51 PM

Electropherogram Summary Continued ...



Overall Results for sample 4 : 154

RNA Area:	252.7	RNA Integrity Number (RIN):	9.4 (B.02.08, Anomaly Threshold(s) manually adapted)
RNA Concentration:	102 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 9.40

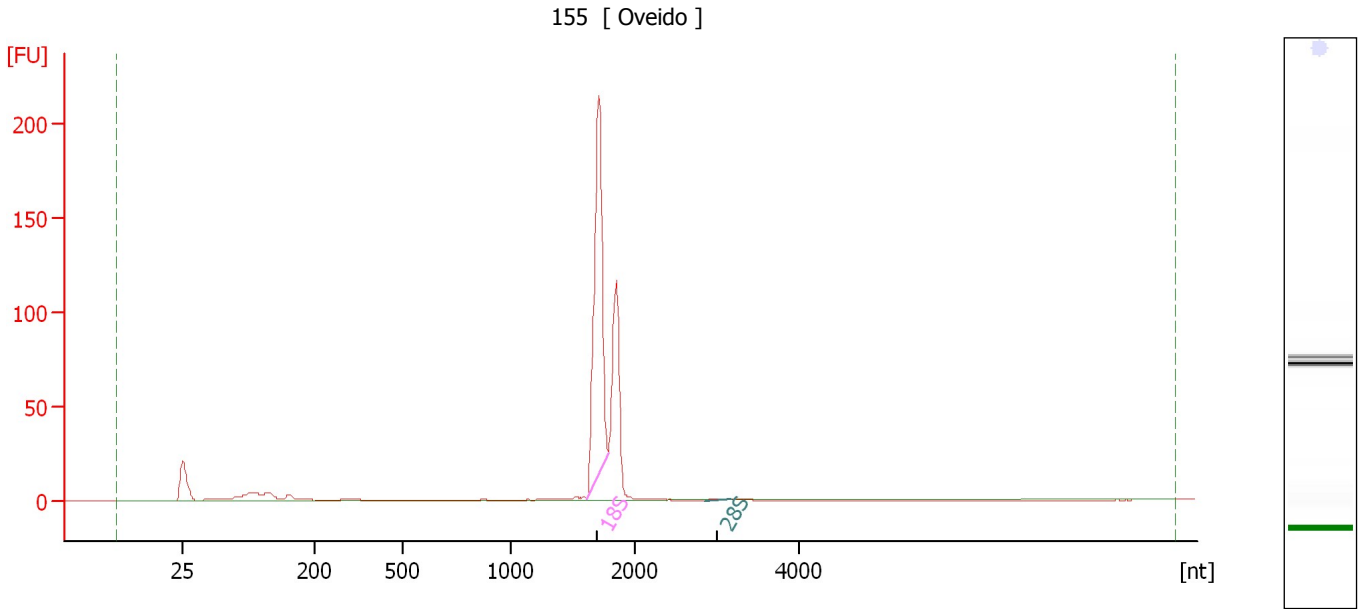
Fragment table for sample 4 : 154

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,635	1,807	122.2	48.3
28S	2,903	3,188	1.0	0.4

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...ert\data\2018-06-13\2018-06-13_001_HiSeq1420_RNAQC_2of2.xad

Created: 6/13/2018 8:07:53 AM
 Modified: 6/27/2018 5:28:51 PM

Electropherogram Summary Continued ...



Overall Results for sample 5 : 155

RNA Area:	380.6	RNA Integrity Number (RIN):	9.4 (B.02.08, Anomaly Threshold(s) manually adapted)
RNA Concentration:	153 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 9.40

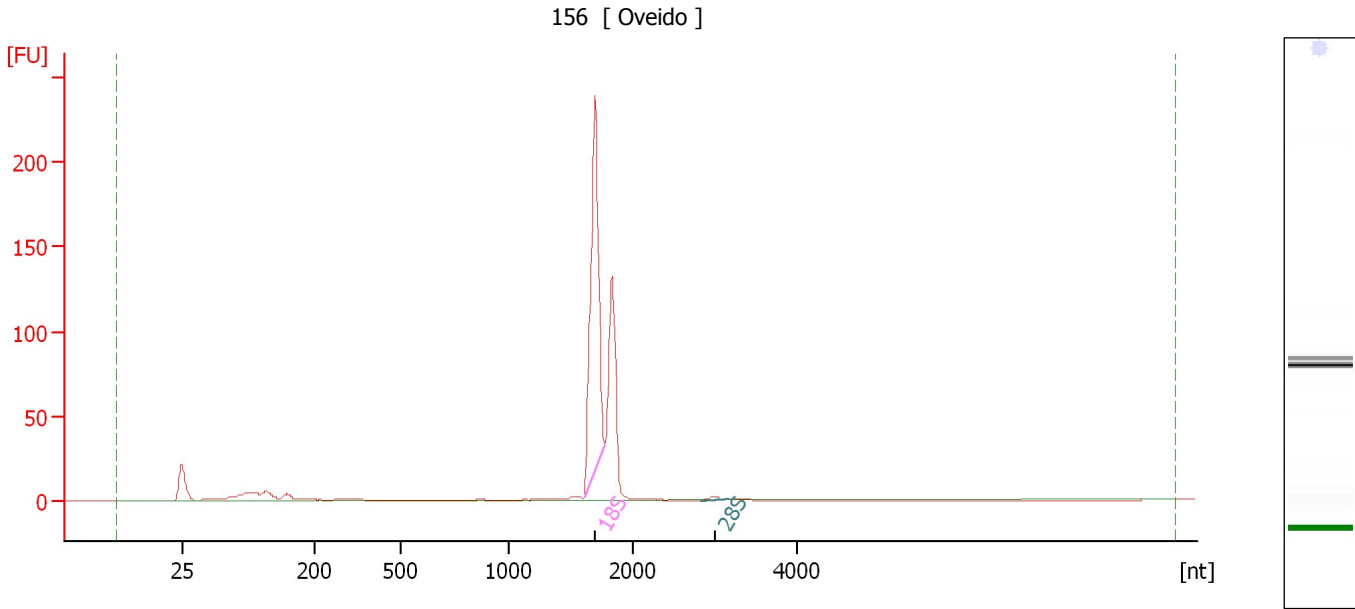
Fragment table for sample 5 : 155

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,619	1,791	194.0	51.0
28S	2,863	3,161	0.9	0.2

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...ert\data\2018-06-13\2018-06-13_001_HiSeq1420_RNAQC_2of2.xad

Created: 6/13/2018 8:07:53 AM
 Modified: 6/27/2018 5:28:51 PM

Electropherogram Summary Continued ...



Overall Results for sample 6 : 156

RNA Area:	462.1	RNA Integrity Number (RIN):	9.3 (B.02.08, Anomaly Threshold(s) manually adapted)
RNA Concentration:	186 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 9.30

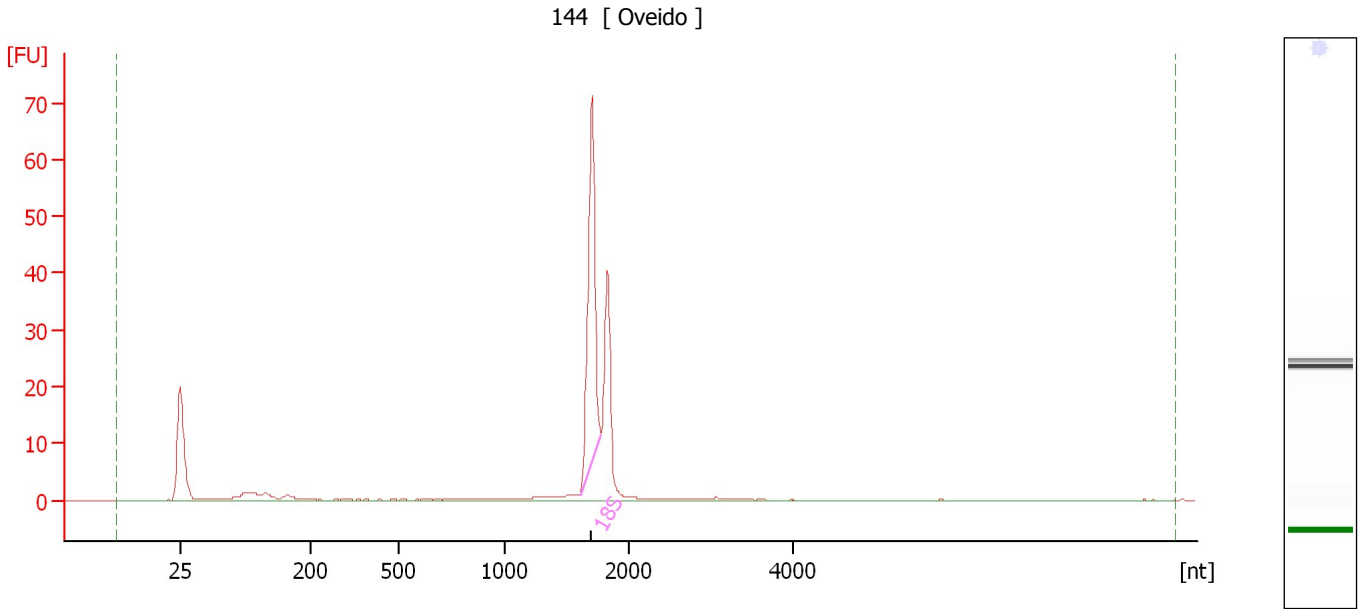
Fragment table for sample 6 : 156

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,609	1,772	220.4	47.7
28S	2,838	3,162	1.8	0.4

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...ert\data\2018-06-13\2018-06-13_001_HiSeq1420_RNAQC_2of2.xad

Created: 6/13/2018 8:07:53 AM
 Modified: 6/27/2018 5:28:51 PM

Electropherogram Summary Continued ...



Overall Results for sample 7 : 144

RNA Area:	132.7	RNA Integrity Number (RIN):	9.1 (B.02.08, Anomaly Threshold(s) manually adapted)
RNA Concentration:	54 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 9.10

Fragment table for sample 7 : 144

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,615	1,779	59.6	44.9

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...ert\data\2018-06-13\2018-06-13_001_HiSeq1420_RNAQC_2of2.xad

Created: 6/13/2018 8:07:53 AM
Modified: 6/27/2018 5:28:51 PM

Gel Image

