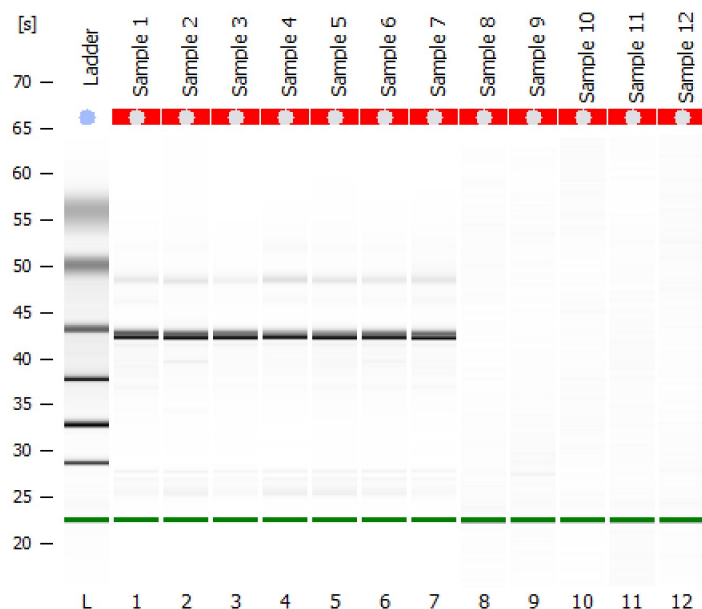


Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...Eukaryote Total RNA Nano_DE04103357_2017-11-27_10-18-41.xad

Created: 27.11.2017 10:18:41
Modified: 27.11.2017 10:42:32

Electrophoresis File Run Summary



Instrument Information:

Instrument Name: DE04103357
Serial#: DE04103357

Firmware: C.01.069
Type: G2939A

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)

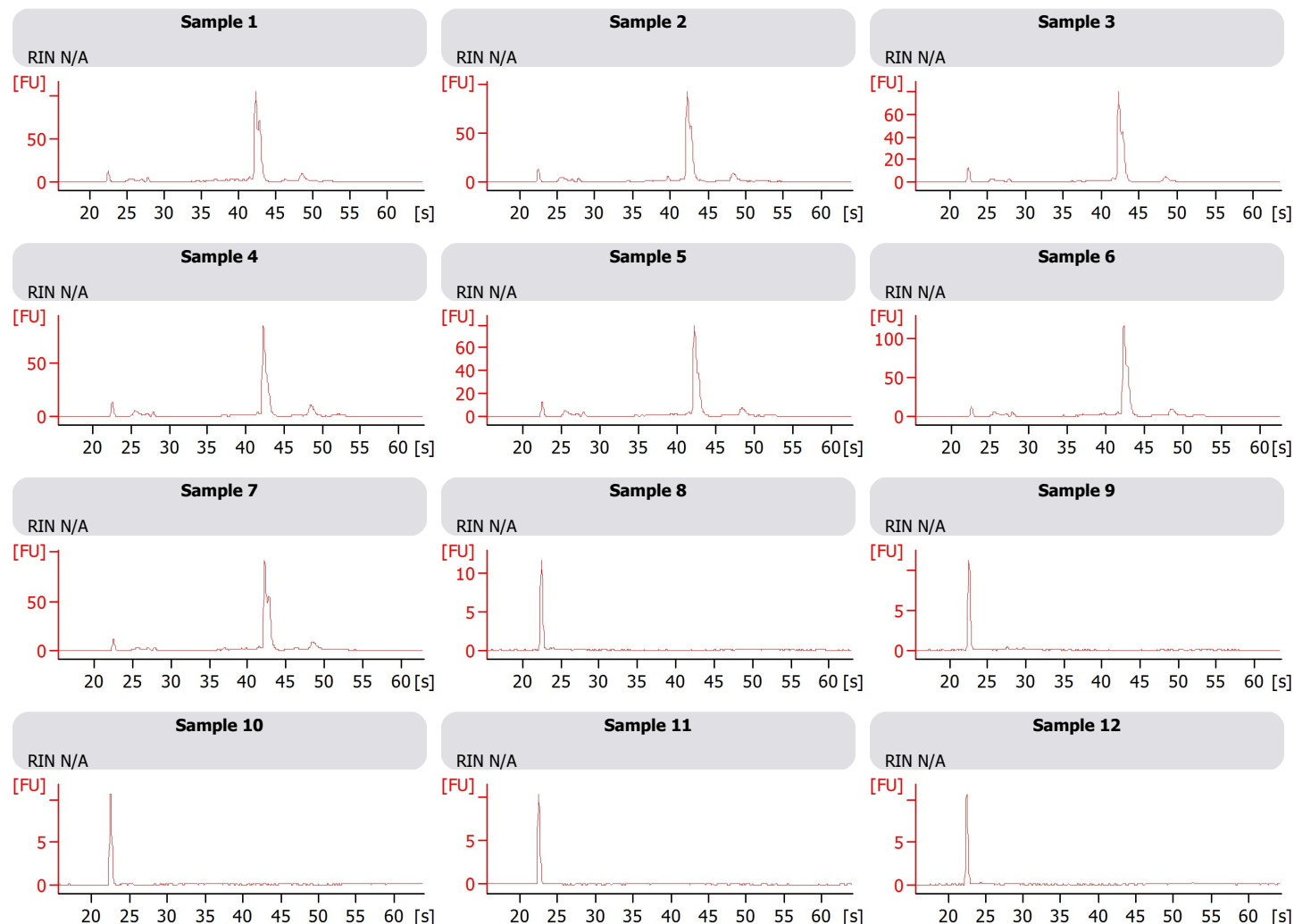
© Copyright 2003 - 2009 Agilent Technologies, Inc.

Chip Information:

Chip Lot #:

Reagent Kit Lot #:

Chip Comments:



Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...Eukaryote Total RNA Nano_DE04103357_2017-11-27_10-18-41.xad

Created: 27.11.2017 10:18:41
Modified: 27.11.2017 10:42:32

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
Sample 1		✓	RIN N/A	
Sample 2		✓	RIN N/A	
Sample 3		✓	RIN N/A	
Sample 4		✓	RIN N/A	
Sample 5		✓	RIN N/A	
Sample 6		✓	RIN N/A	
Sample 7		✓	RIN N/A	
Sample 8		✓	RIN N/A	
Sample 9		✓	RIN N/A	
Sample 10		✓	RIN N/A	
Sample 11		✓	RIN N/A	
Sample 12		✓	RIN N/A	
Ladder		✓	All Other Samples	

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

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...Eukaryote Total RNA Nano_DE04103357_2017-11-27_10-18-41.xad

Created: 27.11.2017 10:18:41
Modified: 27.11.2017 10:42:32

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

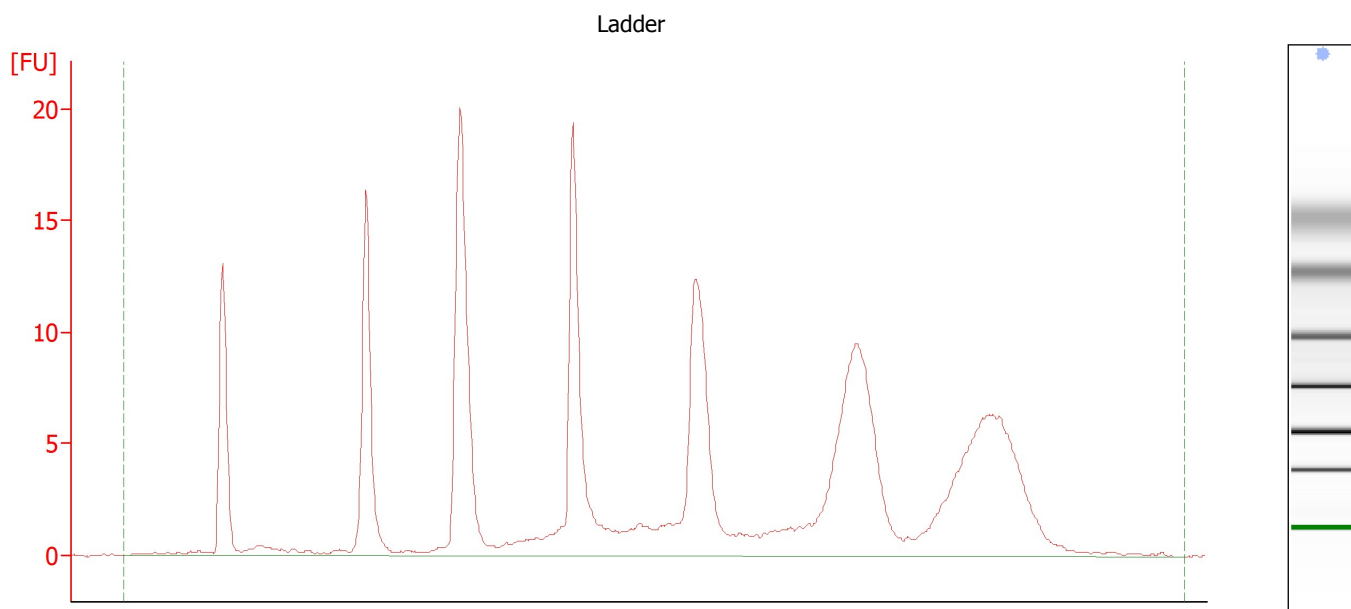
Ladder

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

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...Eukaryote Total RNA Nano_DE04103357_2017-11-27_10-18-41.xad

Created: 27.11.2017 10:18:41
Modified: 27.11.2017 10:42:32

Electropherogram Summary



Overall Results for Ladder

RNA Area: 224,3

Result Flagging Color:



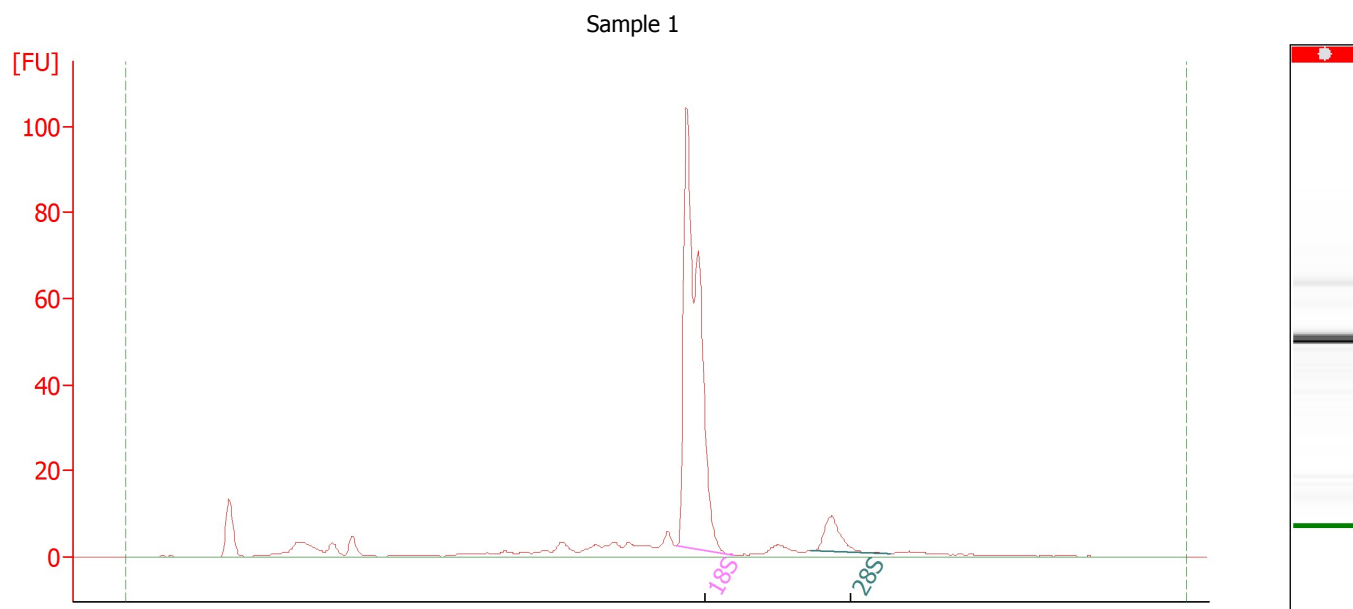
RNA Concentration: 150 ng/μl

Result Flagging Label:

All Other Samples

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...Eukaryote Total RNA Nano_DE04103357_2017-11-27_10-18-41.xad

Created: 27.11.2017 10:18:41
Modified: 27.11.2017 10:42:32

Electropherogram Summary Continued ...**Overall Results for sample 1 : Sample 1**

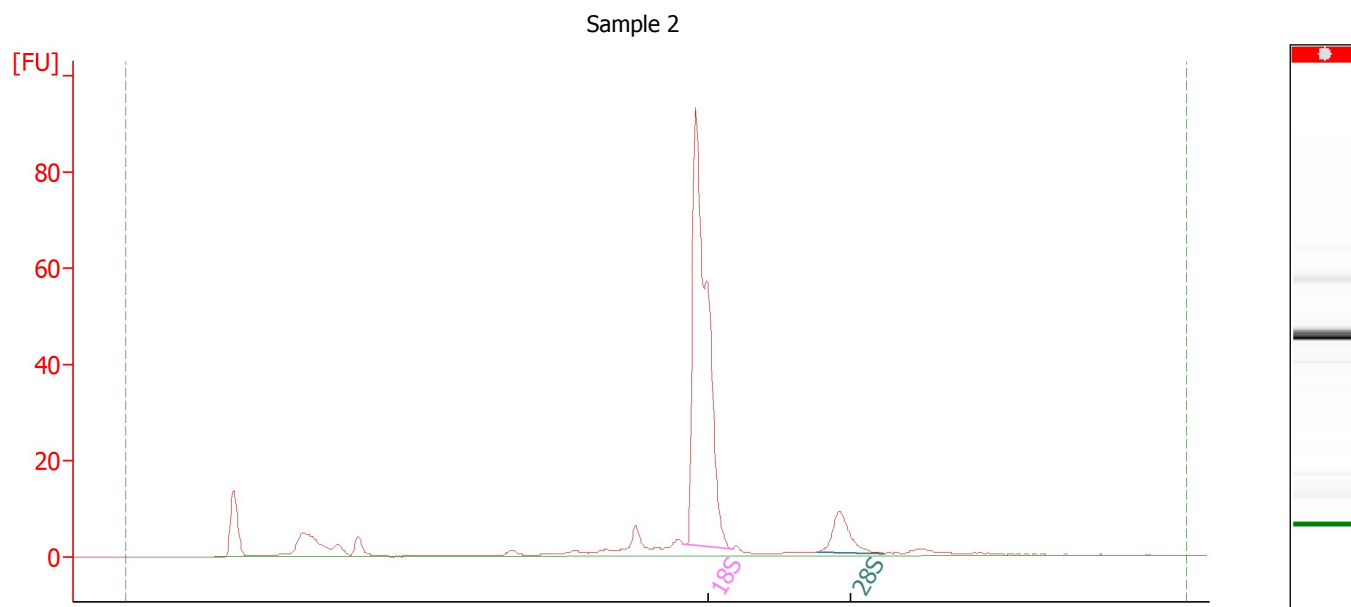
RNA Area:	303,5	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	203 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0,1	Result Flagging Label:	RIN N/A

Fragment table for sample 1 : Sample 1

Name	Start Time [s]	End Time [s]	Area	% of total Area
18S	41,81	44,35	175,7	57,9
28S	47,64	51,11	14,4	4,7

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...Eukaryote Total RNA Nano_DE04103357_2017-11-27_10-18-41.xad

Created: 27.11.2017 10:18:41
Modified: 27.11.2017 10:42:32

Electropherogram Summary Continued ...**Overall Results for sample 2 : Sample 2**

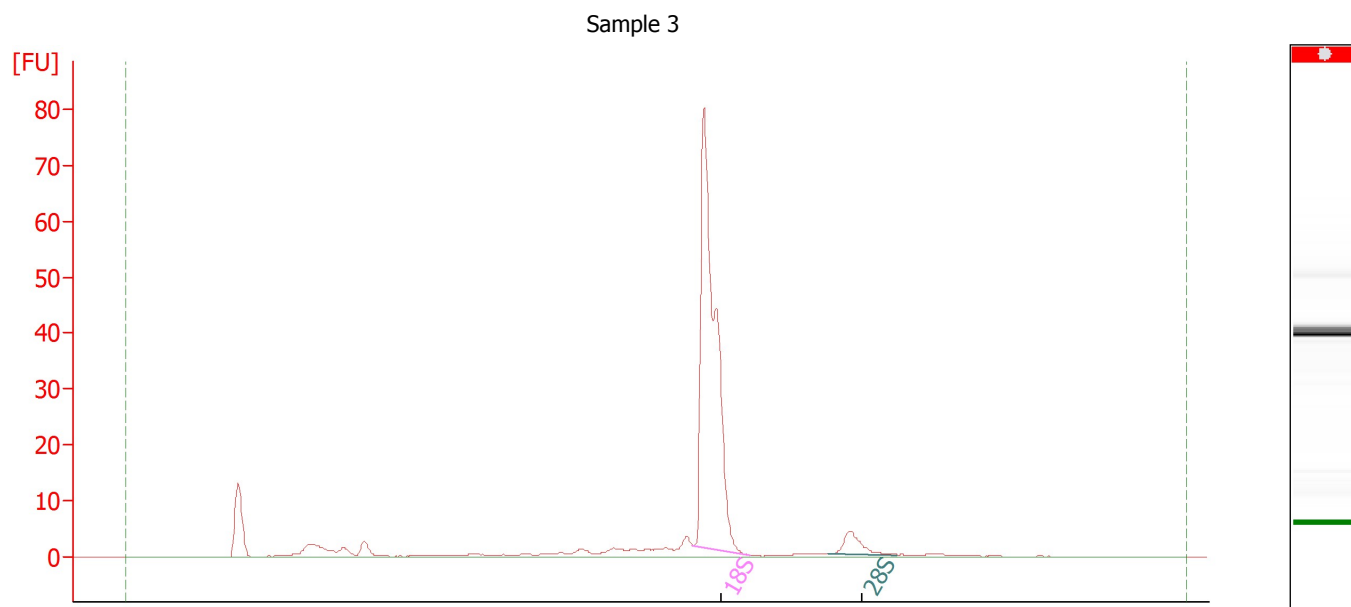
RNA Area:	255,6	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	171 ng/ μ l	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0,1	Result Flagging Label:	RIN N/A

Fragment table for sample 2 : Sample 2

Name	Start Time [s]	End Time [s]	Area	% of total Area
18S	41,75	43,81	152,8	59,8
28S	47,43	50,32	14,5	5,7

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...Eukaryote Total RNA Nano_DE04103357_2017-11-27_10-18-41.xad

Created: 27.11.2017 10:18:41
Modified: 27.11.2017 10:42:32

Electropherogram Summary Continued ...**Overall Results for sample 3 : Sample 3**

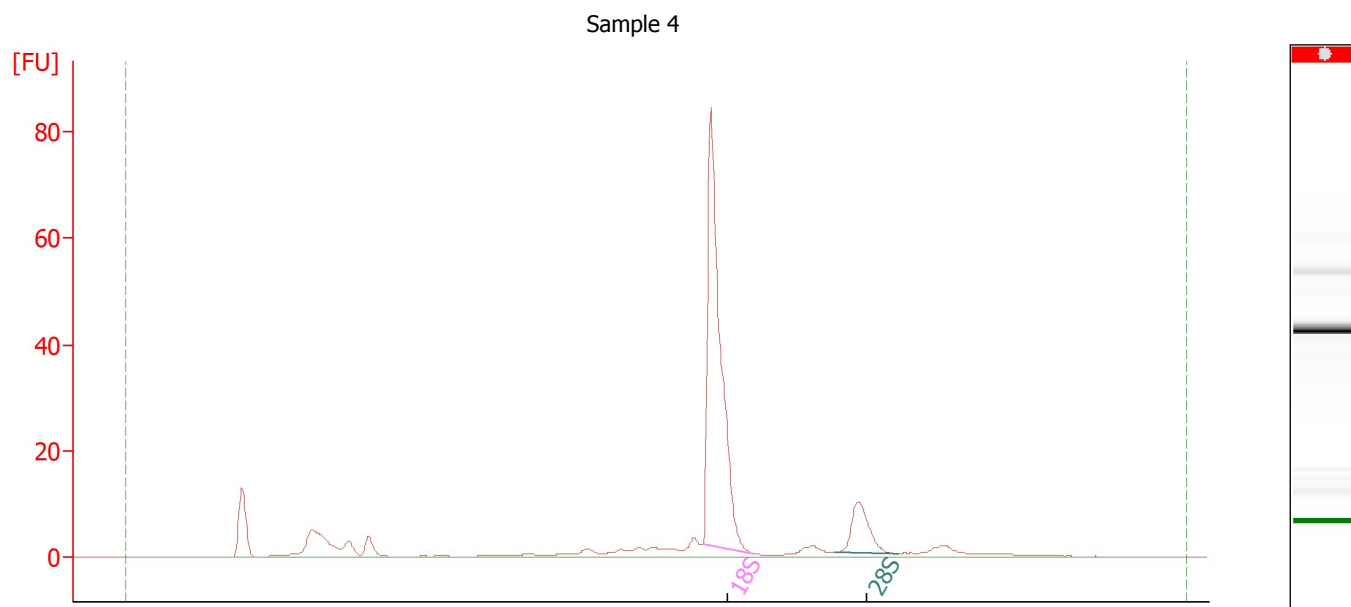
RNA Area:	200,9	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	134 ng/ μ l	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0,1	Result Flagging Label:	RIN N/A

Fragment table for sample 3 : Sample 3

Name	Start Time [s]	End Time [s]	Area	% of total Area
18S	41,77	44,18	127,8	63,6
28S	47,55	50,45	7,3	3,6

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...Eukaryote Total RNA Nano_DE04103357_2017-11-27_10-18-41.xad

Created: 27.11.2017 10:18:41
Modified: 27.11.2017 10:42:32

Electropherogram Summary Continued ...**Overall Results for sample 4 : Sample 4**

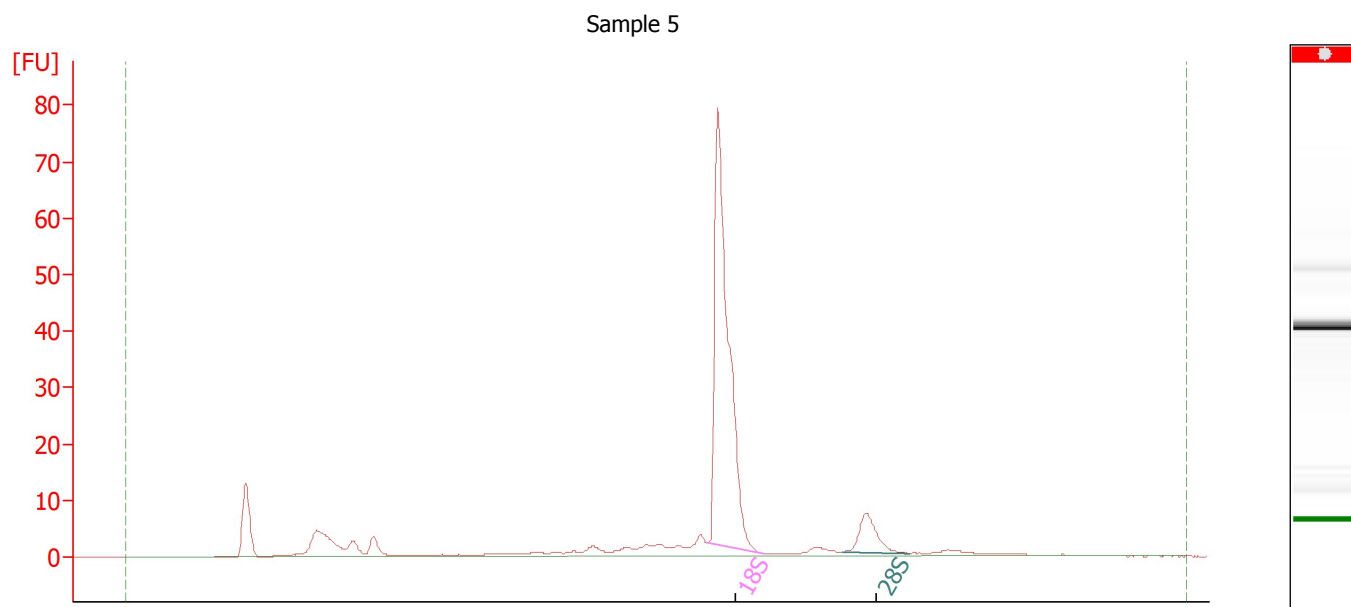
RNA Area:	232,6	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	156 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0,1	Result Flagging Label:	RIN N/A

Fragment table for sample 4 : Sample 4

Name	Start Time [s]	End Time [s]	Area	% of total Area
18S	41,97	44,05	118,9	51,1
28S	47,53	50,20	16,9	7,3

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...Eukaryote Total RNA Nano_DE04103357_2017-11-27_10-18-41.xad

Created: 27.11.2017 10:18:41
Modified: 27.11.2017 10:42:32

Electropherogram Summary Continued ...**Overall Results for sample 5 : Sample 5**

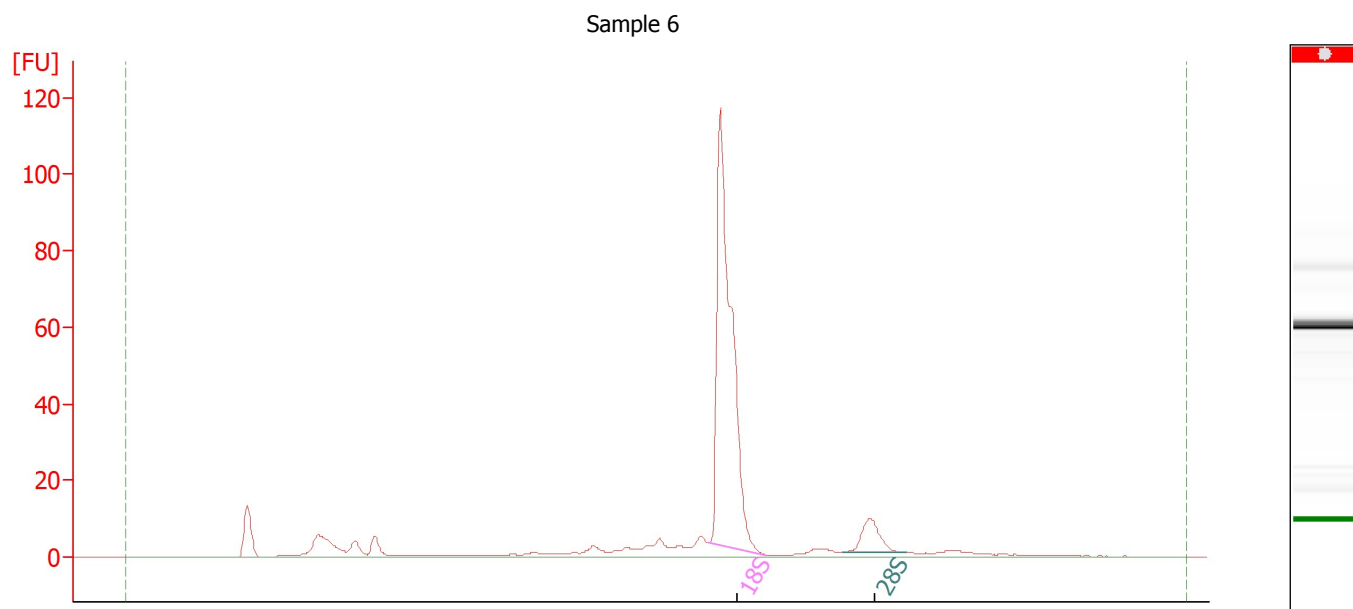
RNA Area:	219,6	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	147 ng/ μ l	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0,1	Result Flagging Label:	RIN N/A

Fragment table for sample 5 : Sample 5

Name	Start Time [s]	End Time [s]	Area	% of total Area
18S	41,77	44,15	119,3	54,3
28S	47,47	50,24	11,8	5,4

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...Eukaryote Total RNA Nano_DE04103357_2017-11-27_10-18-41.xad

Created: 27.11.2017 10:18:41
Modified: 27.11.2017 10:42:32

Electropherogram Summary Continued ...**Overall Results for sample 6 : Sample 6**

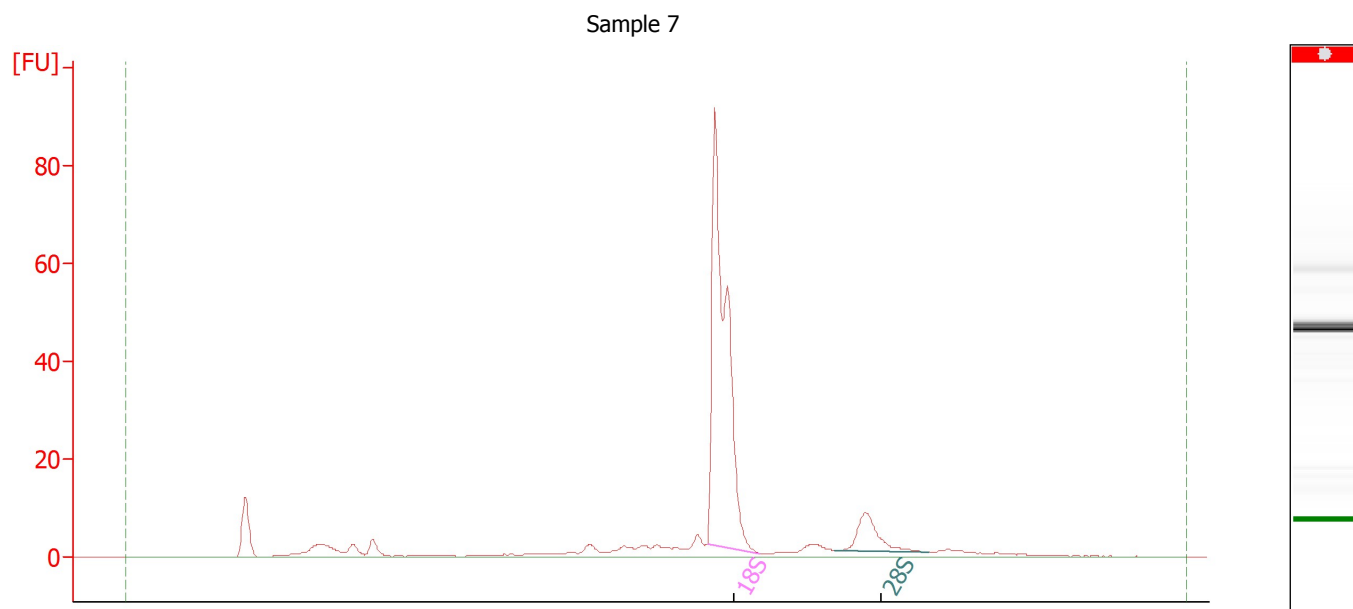
RNA Area:	328,3	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	220 ng/ μ l	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0,1	Result Flagging Label:	RIN N/A

Fragment table for sample 6 : Sample 6

Name	Start Time [s]	End Time [s]	Area	% of total Area
18S	41,78	44,15	183,0	55,7
28S	47,37	50,05	15,7	4,8

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...Eukaryote Total RNA Nano_DE04103357_2017-11-27_10-18-41.xad

Created: 27.11.2017 10:18:41
Modified: 27.11.2017 10:42:32

Electropherogram Summary Continued ...**Overall Results for sample 7 : Sample 7**

RNA Area:	255,3	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	171 ng/ μ l	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0,1	Result Flagging Label:	RIN N/A

Fragment table for sample 7 : Sample 7

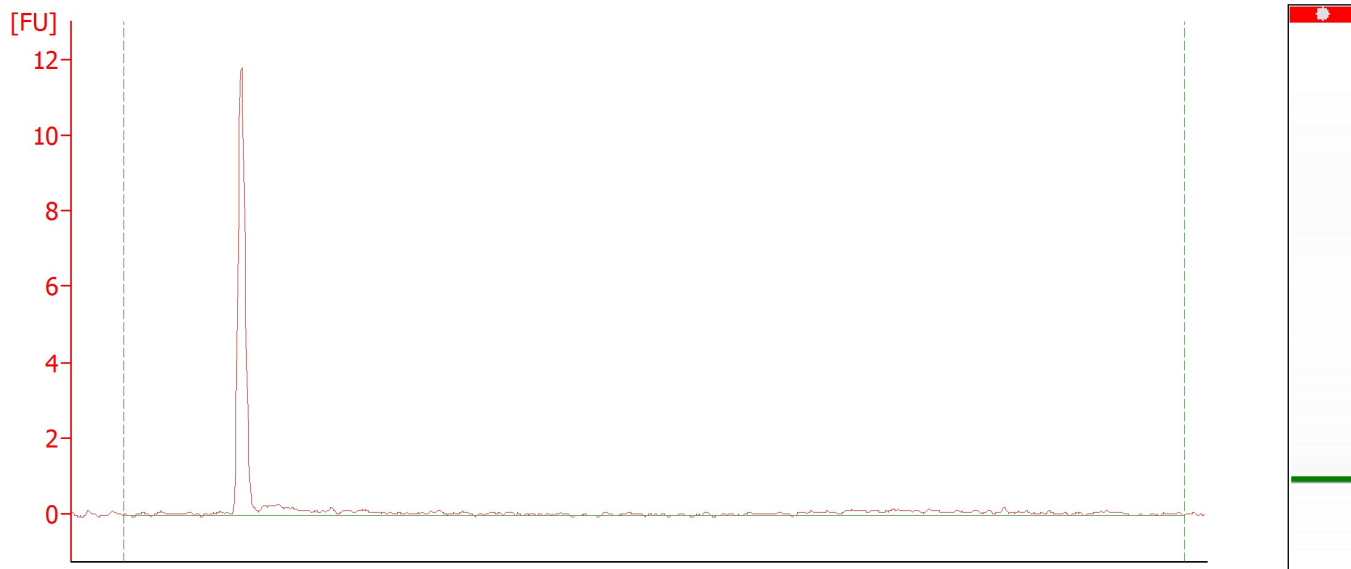
Name	Start Time [s]	End Time [s]	Area	% of total Area
18S	41,90	44,06	141,9	55,6
28S	47,25	51,20	16,3	6,4

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...Eukaryote Total RNA Nano_DE04103357_2017-11-27_10-18-41.xad

Created: 27.11.2017 10:18:41
Modified: 27.11.2017 10:42:32

Electropherogram Summary Continued ...

Sample 8

**Overall Results for sample 8 : Sample 8**

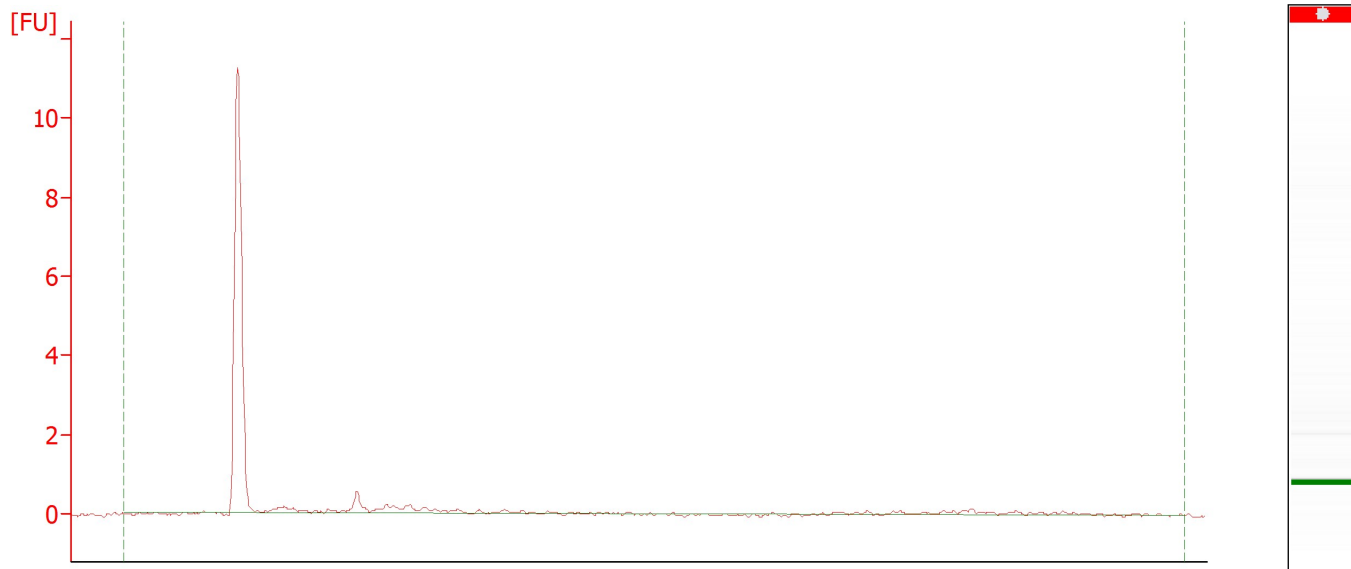
RNA Area:	8,1	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	5 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0,0	Result Flagging Label:	RIN N/A

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...Eukaryote Total RNA Nano_DE04103357_2017-11-27_10-18-41.xad

Created: 27.11.2017 10:18:41
Modified: 27.11.2017 10:42:32

Electropherogram Summary Continued ...

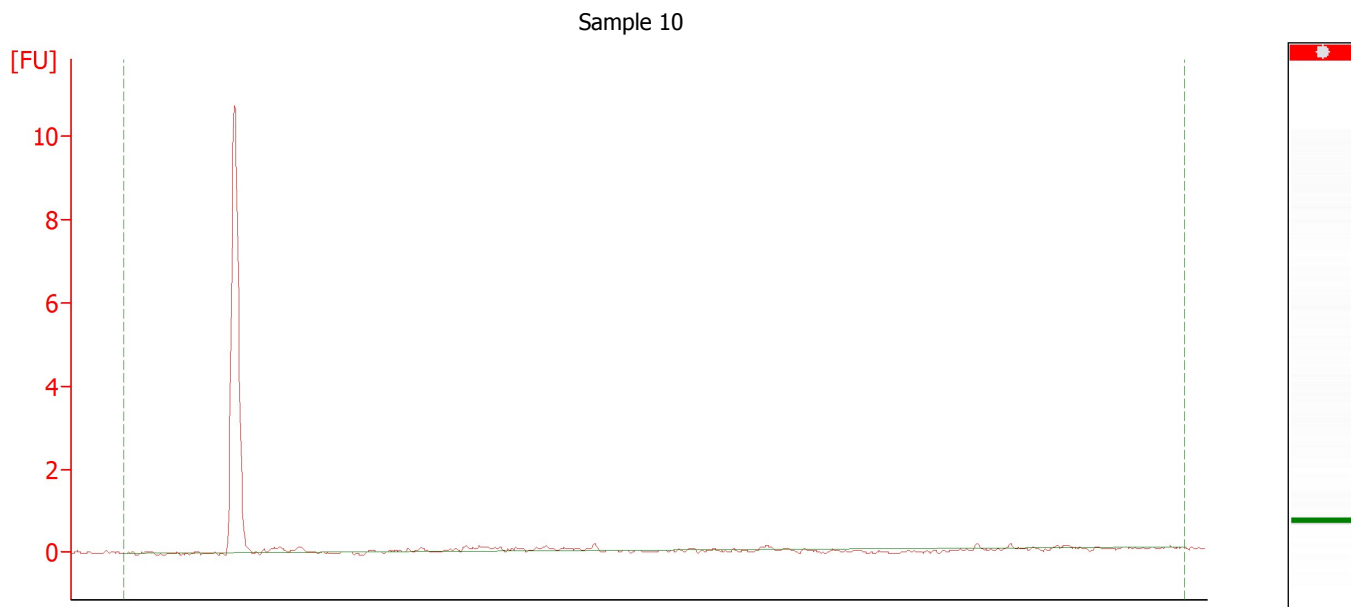
Sample 9

**Overall Results for sample 9 : Sample 9**

RNA Area:	5,1	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	3 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0,0	Result Flagging Label:	RIN N/A

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...Eukaryote Total RNA Nano_DE04103357_2017-11-27_10-18-41.xad

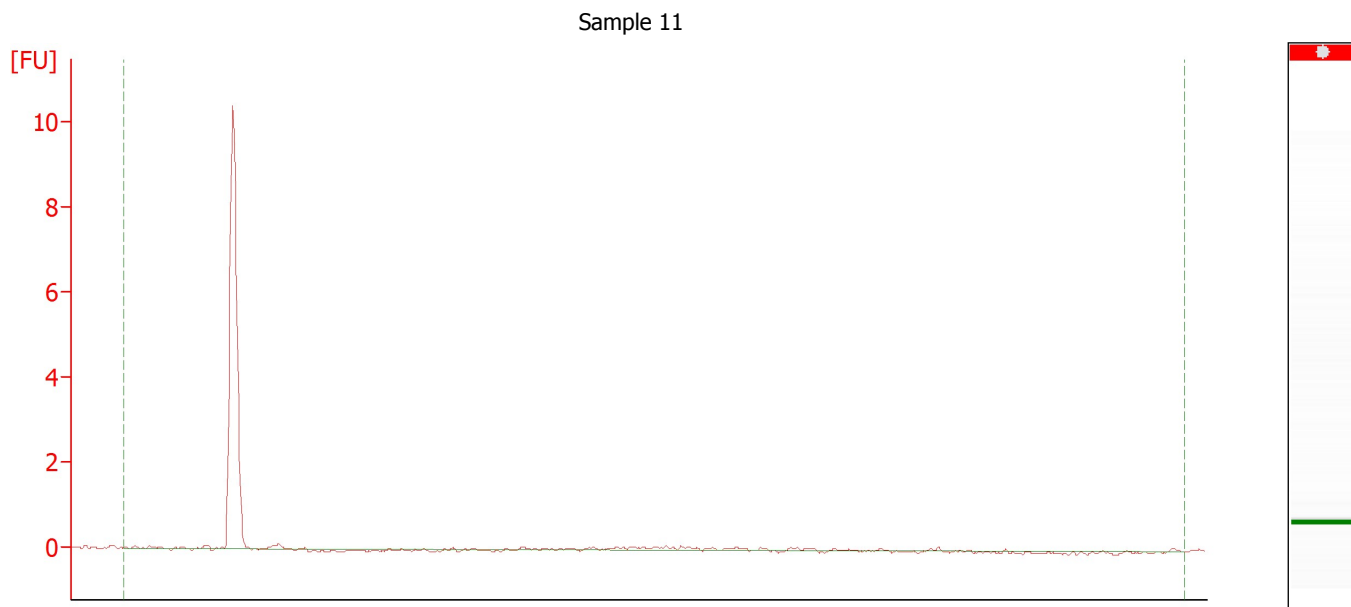
Created: 27.11.2017 10:18:41
Modified: 27.11.2017 10:42:32

Electropherogram Summary Continued ...**Overall Results for sample 10 : Sample 10**

RNA Area:	2,4	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	2 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0,0	Result Flagging Label:	RIN N/A

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...Eukaryote Total RNA Nano_DE04103357_2017-11-27_10-18-41.xad

Created: 27.11.2017 10:18:41
Modified: 27.11.2017 10:42:32

Electropherogram Summary Continued ...**Overall Results for sample 11 : Sample 11**

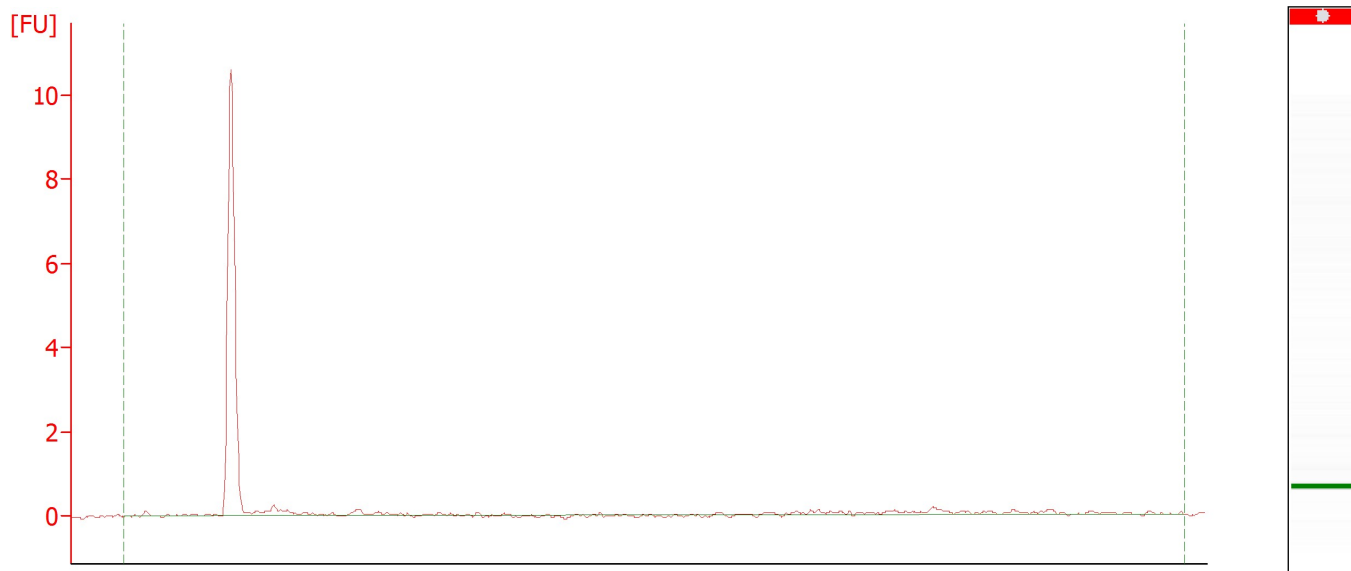
RNA Area:	1,6	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	1 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0,0	Result Flagging Label:	RIN N/A

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...Eukaryote Total RNA Nano_DE04103357_2017-11-27_10-18-41.xad

Created: 27.11.2017 10:18:41
Modified: 27.11.2017 10:42:32

Electropherogram Summary Continued ...

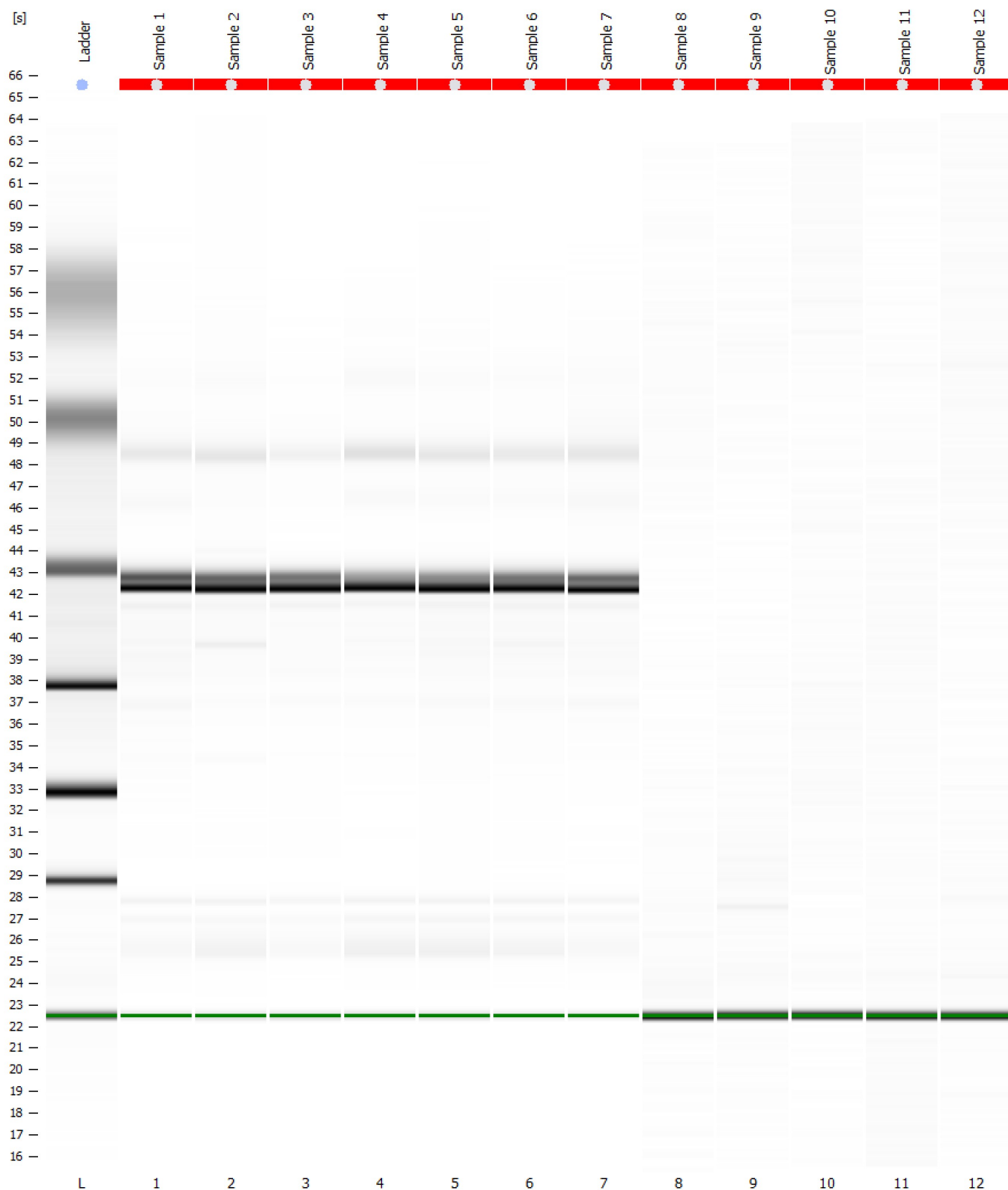
Sample 12

**Overall Results for sample 12 : Sample 12**

RNA Area:	5,0	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	3 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0,0	Result Flagging Label:	RIN N/A

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...Eukaryote Total RNA Nano_DE04103357_2017-11-27_10-18-41.xad

Created: 27.11.2017 10:18:41
Modified: 27.11.2017 10:42:32

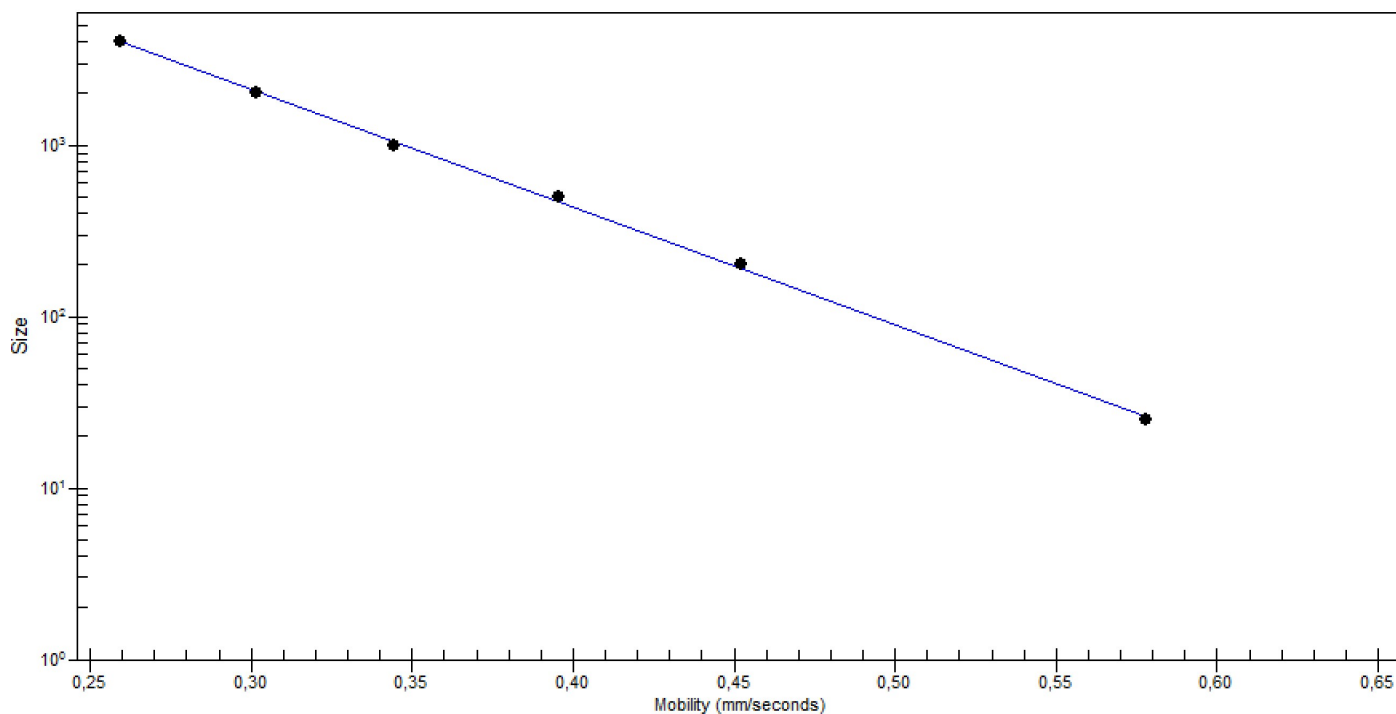
Gel Image

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...Eukaryote Total RNA Nano_DE04103357_2017-11-27_10-18-41.xad

Created: 27.11.2017 10:18:41
Modified: 27.11.2017 10:42:32

Curves

Standard Curve



Assay Class:	Eukaryote Total RNA Nano	Created:	27.11.2017 10:18:41
Data Path:	C:\...Eukaryote Total RNA Nano_DE04103357_2017-11-27_10-18-41.xad	Modified:	27.11.2017 10:42:32

Run Logbook

Description	Number	Source	Category	Sub Category	Time	Time Zone	User	Host
Run ended on port 5 (Number of wells acquired: 13)		Instrument	Run		27.11.2017 10:42:30	(GMT +01:00) Central Europe Standard Time	agilent	NIBSQL
Run started on port 5 (File: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\Data\2017-11-27\2100 expert_Eukaryote Total RNA Nano_DE04103357_2017-11-27_10-18-41.xad)		Instrument	Run		27.11.2017 10:18:46	(GMT +01:00) Central Europe Standard Time	agilent	NIBSQL
Product Number : G2939A		Instrument	Run		27.11.2017 10:18:46	(GMT +01:00) Central Europe Standard Time	agilent	NIBSQL
Name :		Instrument	Run		27.11.2017 10:18:46	(GMT +01:00) Central Europe Standard Time	agilent	NIBSQL
Vendor : Agilent Technologies		Instrument	Run		27.11.2017 10:18:46	(GMT +01:00) Central Europe Standard Time	agilent	NIBSQL
Serial# : DE04103357		Instrument	Run		27.11.2017 10:18:46	(GMT +01:00) Central Europe Standard Time	agilent	NIBSQL
Firmware : C.01.069		Instrument	Run		27.11.2017 10:18:46	(GMT +01:00) Central Europe Standard Time	agilent	NIBSQL
Cartridge : Electrode		Instrument	Run		27.11.2017 10:18:46	(GMT +01:00) Central Europe Standard Time	agilent	NIBSQL