

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...00 expert\data\2016-12-22\2016-12-22_004_HiSeq787_RNAQC.xad

Created: 12/22/2016 5:07:09 PM
Modified: 1/26/2017 9:51:10 AM

Electrophoresis File Run Summary

Instrument Information:

Instrument Name: DE13701086 Firmware: C.01.069
Serial#: DE13701086 Type: G2938B

Assay Information:

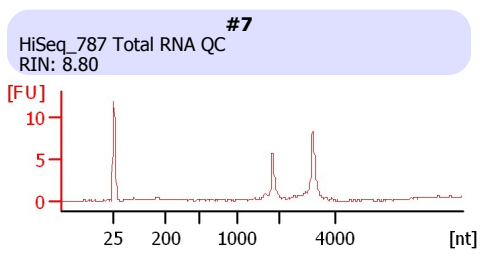
Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100
expert\assays\RNA\Eukaryote Total RNA Nano Series II.xsy

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:\...00 expert\data\2016-12-22\2016-12-22_004_HiSeq787_RNAQC.xad

Created: 12/22/2016 5:07:09 PM
Modified: 1/26/2017 9:51:10 AM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
#7	HiSeq_787 Total RNA QC	✓	RIN: 8.80	
Ladder		✓	All Other Samples	

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...00 expert\data\2016-12-22\2016-12-22_004_HiSeq787_RNAQC.xad

Created: 12/22/2016 5:07:09 PM
Modified: 1/26/2017 9:51:10 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

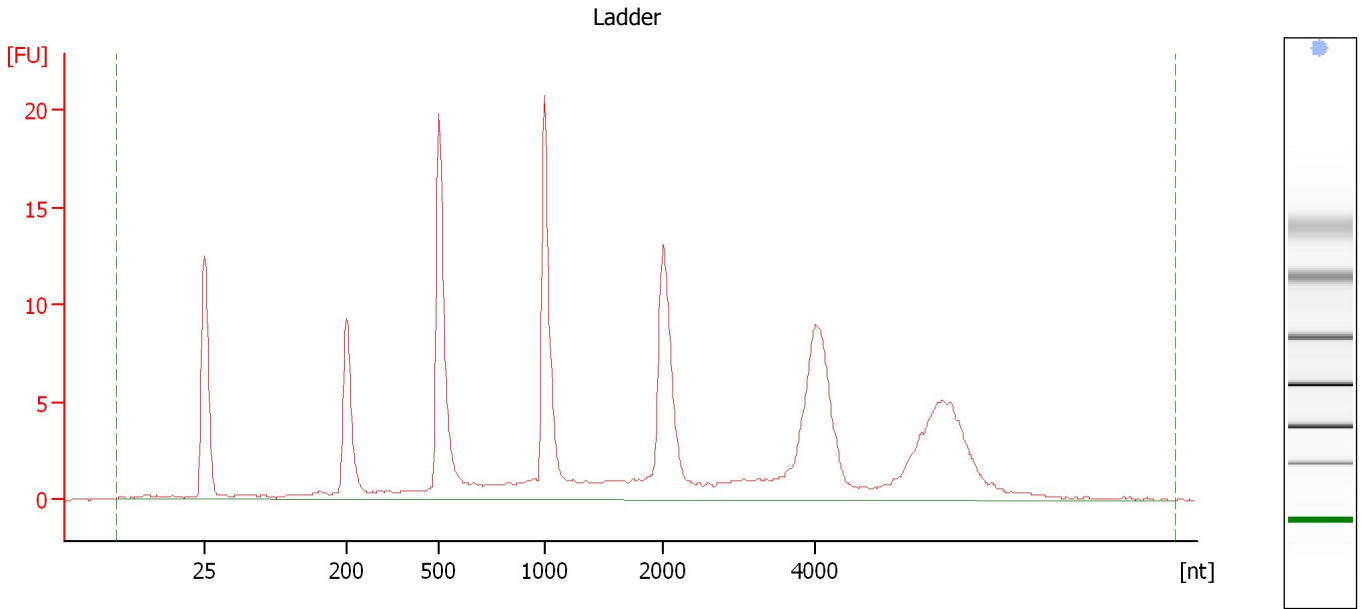
Ladder

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

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...00 expert\data\2016-12-22\2016-12-22_004_HiSeq787_RNAQC.xad

Created: 12/22/2016 5:07:09 PM
Modified: 1/26/2017 9:51:10 AM

Electropherogram Summary



Overall Results for Ladder

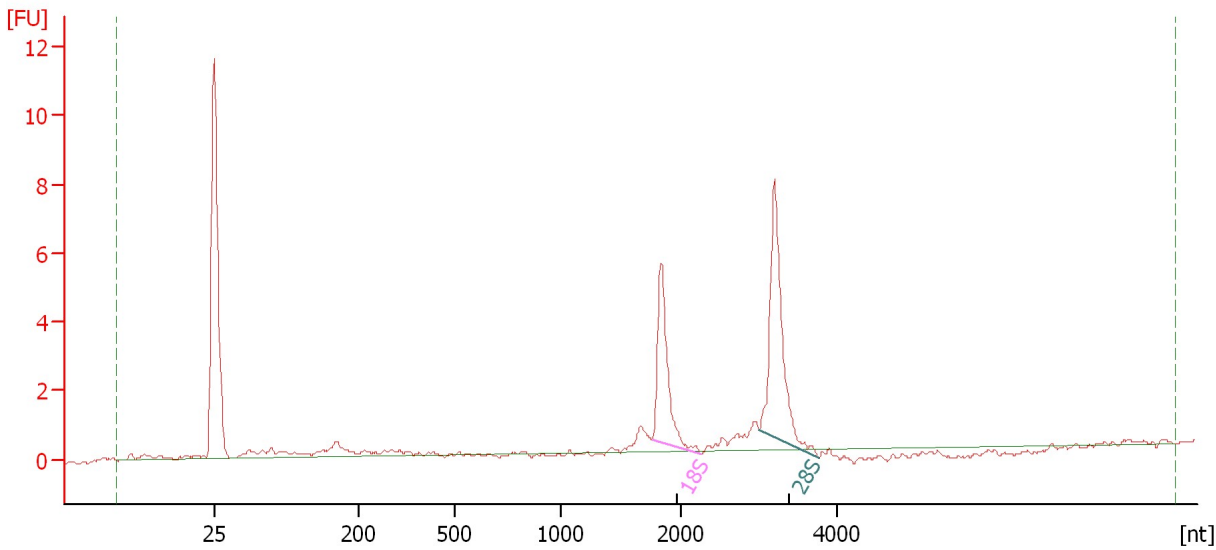
RNA Area:	176.2	Result Flagging Color:	
RNA Concentration:	150 ng/ μ l	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...00 expert\data\2016-12-22\2016-12-22_004_HiSeq787_RNAQC.xad

Created: 12/22/2016 5:07:09 PM
 Modified: 1/26/2017 9:51:10 AM

Electropherogram Summary Continued ...

#7 [HiSeq_787 Total RNA QC]



Overall Results for sample 3 : #7

RNA Area:	26.4	RNA Integrity Number (RIN):	8.8 (B.02.08)
RNA Concentration:	22 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.5	Result Flagging Label:	RIN: 8.80

Fragment table for sample 3 : #7

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,759	2,244	6.0	22.9
28S	2,999	3,767	9.3	35.3

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...00 expert\data\2016-12-22\2016-12-22_004_HiSeq787_RNAQC.xad

Created: 12/22/2016 5:07:09 PM
Modified: 1/26/2017 9:51:10 AM

Gel Image

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...00 expert\data\2016-12-22\2016-12-22_004_HiSeq787_RNAQC.xad

Created: 12/22/2016 5:07:09 PM
 Modified: 1/26/2017 9:51:10 AM

Run Logbook

Description	Number	Source	Category	Sub Category	Time	Time Zone	User	Host
Run ended on port 1 (Number of wells acquired: 6)		Instrument	Run		12/22/2016 5:21:23 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Run started on port 1 (File: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\data\2016-12-22\2016-12-22_004.xad)		Instrument	Run		12/22/2016 5:07:14 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Product Number : G2938B		Instrument	Run		12/22/2016 5:07:14 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Name :		Instrument	Run		12/22/2016 5:07:14 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Vendor : Agilent Technologies		Instrument	Run		12/22/2016 5:07:14 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Serial# : DE13701086		Instrument	Run		12/22/2016 5:07:14 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Firmware : C.01.069		Instrument	Run		12/22/2016 5:07:14 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Cartridge : Electrode		Instrument	Run		12/22/2016 5:07:14 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1