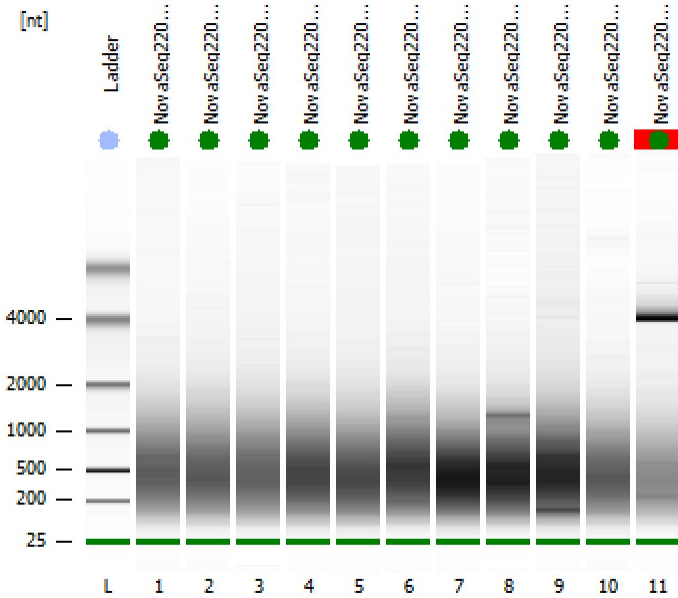


Assay Class: Eukaryote Total RNA Pico
 Data Path: Z:\...29\Bioanalyzer1_Eukaryote Total RNA Pico_2020-07-29_003.xad

Created: 7/29/2020 4:00:18 PM
 Modified: 7/29/2020 4:33:45 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 (x86)\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\DV200 RNA Pico.xsy
 Assay Class: Eukaryote Total RNA Pico
 Version: 2.6
 Assay Comments: Total RNA Analysis pg sensitivity (Eukaryote)
 Modified for DV200 Analysis

Chip Information:

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

NovaSeq220 - 33
 BC DNA
 RIN: 2.10 ; DV200 > 70%

NovaSeq220 - 37
 BC DNA
 RIN: 2.10 ; DV200 > 70%

NovaSeq220 - 40
 BC DNA
 RIN: 2.10 ; DV200 > 70%

NovaSeq220 - 41
 BC DNA
 RIN: 2.10 ; DV200 > 70%

NovaSeq220 - 44
 BC DNA
 RIN: 2.10 ; DV200 > 70%

NovaSeq220 - 49
 BC DNA
 RIN: 2.10 ; DV200 > 70%

NovaSeq220 - 62
 BC DNA
 RIN: 2 ; DV200 > 70%

NovaSeq220 - 60
 BC DNA
 RIN: 2.60 ; DV200 > 70%

NovaSeq220 - 73
 BC DNA
 RIN: 2 ; DV200 > 70%

NovaSeq220 - 74
 BC DNA
 RIN: 2.10 ; DV200 > 70%

NovaSeq220 - 75
 BC DNA
 RIN N/A ; DV200 > 70%

Assay Class: Eukaryote Total RNA Pico
 Data Path: Z:\...29\Bioanalyzer1_Eukaryote Total RNA Pico_2020-07-29_003.xad

Created: 7/29/2020 4:00:18 PM
 Modified: 7/29/2020 4:33:45 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
NovaSeq220 - 33	BC DNA	✓	RIN: 2.10 ; DV200 > 70%	Green
NovaSeq220 - 37	BC DNA	✓	RIN: 2.10 ; DV200 > 70%	Green
NovaSeq220 - 40	BC DNA	✓	RIN: 2.10 ; DV200 > 70%	Green
NovaSeq220 - 41	BC DNA	✓	RIN: 2.10 ; DV200 > 70%	Green
NovaSeq220 - 44	BC DNA	✓	RIN: 2.10 ; DV200 > 70%	Green
NovaSeq220 - 49	BC DNA	✓	RIN: 2.10 ; DV200 > 70%	Green
NovaSeq220 - 62	BC DNA	✓	RIN:2 ; DV200 > 70%	Green
NovaSeq220 - 60	BC DNA	✓	RIN: 2.60 ; DV200 > 70%	Green
NovaSeq220 - 73	BC DNA	✓	RIN:2 ; DV200 > 70%	Green
NovaSeq220 - 74	BC DNA	✓	RIN: 2.10 ; DV200 > 70%	Green
NovaSeq220 - 75	BC DNA	✓	RIN N/A ; DV200 > 70%	Green
Ladder		✓	All Other Samples	Blue

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Pico
 Data Path: Z:\...29\Bioanalyzer1_Eukaryote Total RNA Pico_2020-07-29_003.xad

Created: 7/29/2020 4:00:18 PM
 Modified: 7/29/2020 4:33:45 PM

Electrophoresis Assay Details

General Analysis Settings

Number of Available Sample and Ladder Wells (Max.) : 12
 Minimum Visible Range [s] : 17
 Maximum Visible Range [s] : 70
 Start Analysis Time Range [s] : 18
 End Analysis Time Range [s] : 69
 Ladder Concentration [pg/μl] : 1000
 Lower Marker Concentration [pg/μl] : 0
 Upper Marker Concentration [pg/μl] : 0
 Used Lower Marker for Quantitation
 Standard Curve Fit is Logarithmic
 Show Data Aligned to Lower Marker

Integrator Settings

Integration Start Time [s] : 18
 Integration End Time [s] : 69
 Slope Threshold : 0.6
 Height Threshold [FU] : 0.5
 Area Threshold : 0.2
 Width Threshold [s] : 0.3
 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 Pico
Data Path: Z:\...29\Bioanalyzer1_Eukaryote Total RNA Pico_2020-07-29_003.xad

Created: 7/29/2020 4:00:18 PM
Modified: 7/29/2020 4:33:45 PM

Electropherogram Summary

Ladder



Assay Class: Eukaryote Total RNA Pico
Data Path: Z:\...29\Bioanalyzer1_Eukaryote Total RNA Pico_2020-07-29_003.xad

Created: 7/29/2020 4:00:18 PM
Modified: 7/29/2020 4:33:45 PM

Electropherogram Summary Continued ...

NovaSeq220 - 33 [BC DNA]



Assay Class: Eukaryote Total RNA Pico
Data Path: Z:\...29\Bioanalyzer1_Eukaryote Total RNA Pico_2020-07-29_003.xad

Created: 7/29/2020 4:00:18 PM
Modified: 7/29/2020 4:33:45 PM

Electropherogram Summary Continued ...

NovaSeq220 - 37 [BC DNA]



Assay Class: Eukaryote Total RNA Pico
Data Path: Z:\...29\Bioanalyzer1_Eukaryote Total RNA Pico_2020-07-29_003.xad

Created: 7/29/2020 4:00:18 PM
Modified: 7/29/2020 4:33:45 PM

Electropherogram Summary Continued ...

NovaSeq220 - 40 [BC DNA]



Assay Class: Eukaryote Total RNA Pico
Data Path: Z:\...29\Bioanalyzer1_Eukaryote Total RNA Pico_2020-07-29_003.xad

Created: 7/29/2020 4:00:18 PM
Modified: 7/29/2020 4:33:45 PM

Electropherogram Summary Continued ...

NovaSeq220 - 41 [BC DNA]



Assay Class: Eukaryote Total RNA Pico
Data Path: Z:\...29\Bioanalyzer1_Eukaryote Total RNA Pico_2020-07-29_003.xad

Created: 7/29/2020 4:00:18 PM
Modified: 7/29/2020 4:33:45 PM

Electropherogram Summary Continued ...

NovaSeq220 - 44 [BC DNA]

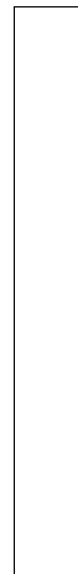


Assay Class: Eukaryote Total RNA Pico
Data Path: Z:\...29\Bioanalyzer1_Eukaryote Total RNA Pico_2020-07-29_003.xad

Created: 7/29/2020 4:00:18 PM
Modified: 7/29/2020 4:33:45 PM

Electropherogram Summary Continued ...

NovaSeq220 - 49 [BC DNA]



Assay Class: Eukaryote Total RNA Pico
Data Path: Z:\...29\Bioanalyzer1_Eukaryote Total RNA Pico_2020-07-29_003.xad

Created: 7/29/2020 4:00:18 PM
Modified: 7/29/2020 4:33:45 PM

Electropherogram Summary Continued ...

NovaSeq220 - 62 [BC DNA]



Assay Class: Eukaryote Total RNA Pico
Data Path: Z:\...29\Bioanalyzer1_Eukaryote Total RNA Pico_2020-07-29_003.xad

Created: 7/29/2020 4:00:18 PM
Modified: 7/29/2020 4:33:45 PM

Electropherogram Summary Continued ...

NovaSeq220 - 60 [BC DNA]



Assay Class: Eukaryote Total RNA Pico
Data Path: Z:\...29\Bioanalyzer1_Eukaryote Total RNA Pico_2020-07-29_003.xad

Created: 7/29/2020 4:00:18 PM
Modified: 7/29/2020 4:33:45 PM

Electropherogram Summary Continued ...

NovaSeq220 - 73 [BC DNA]



Assay Class: Eukaryote Total RNA Pico
Data Path: Z:\...29\Bioanalyzer1_Eukaryote Total RNA Pico_2020-07-29_003.xad

Created: 7/29/2020 4:00:18 PM
Modified: 7/29/2020 4:33:45 PM

Electropherogram Summary Continued ...

NovaSeq220 - 74 [BC DNA]



Assay Class: Eukaryote Total RNA Pico
Data Path: Z:\...29\Bioanalyzer1_Eukaryote Total RNA Pico_2020-07-29_003.xad

Created: 7/29/2020 4:00:18 PM
Modified: 7/29/2020 4:33:45 PM

Electropherogram Summary Continued ...

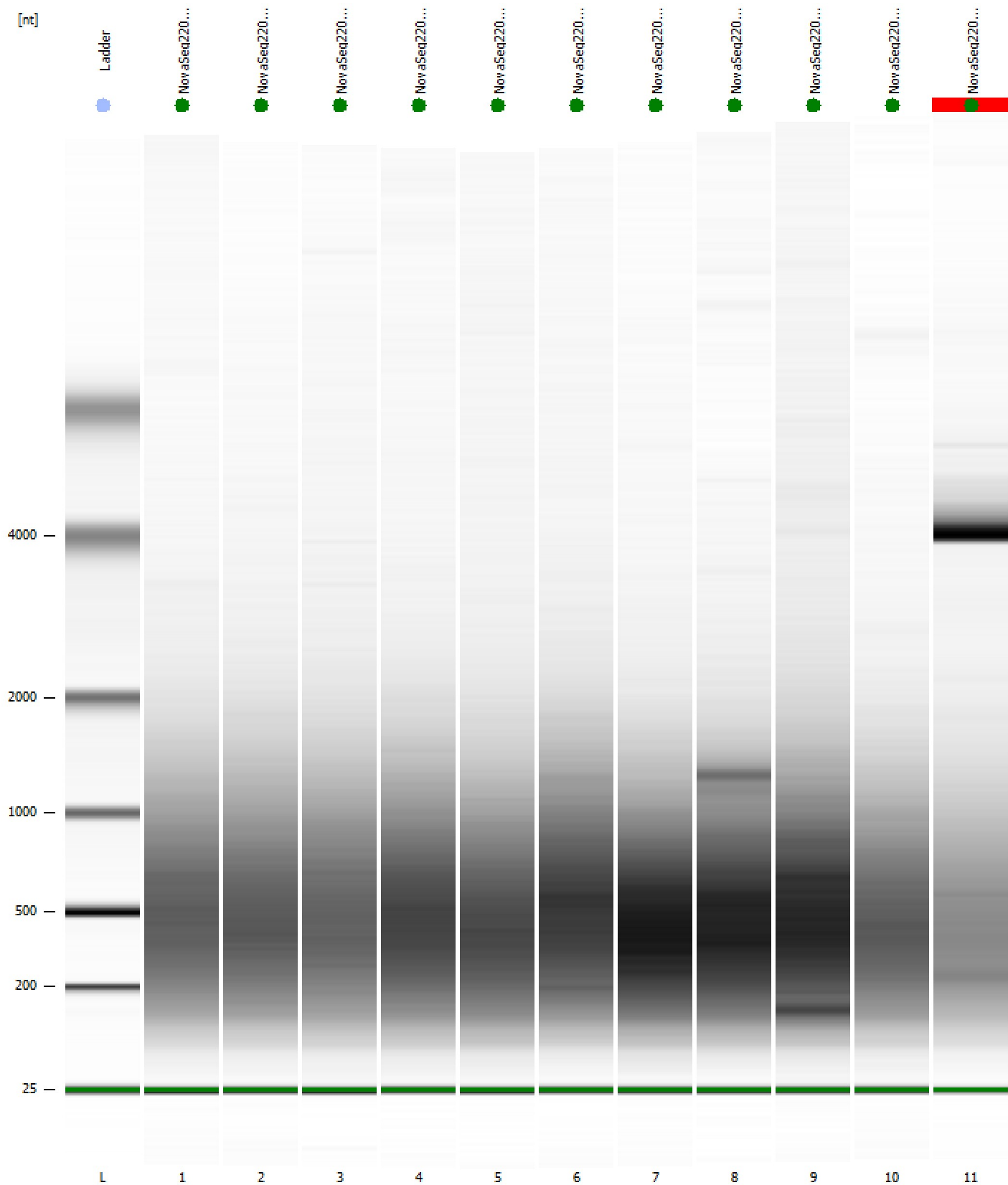
NovaSeq220 - 75 [BC DNA]



Assay Class: Eukaryote Total RNA Pico
Data Path: Z:\...29\Bioanalyzer1_Eukaryote Total RNA Pico_2020-07-29_003.xad

Created: 7/29/2020 4:00:18 PM
Modified: 7/29/2020 4:33:45 PM

Gel Image



Assay Class: Eukaryote Total RNA Pico
 Data Path: Z:\...29\Bioanalyzer1_Eukaryote Total RNA Pico_2020-07-29_003.xad

Created: 7/29/2020 4:00:18 PM
 Modified: 7/29/2020 4:33:45 PM

Run Logbook

Description	Number	Source	Category	Sub Category	Time	Time Zone	User	Host
Run ended on port 1 (Number of wells acquired: 12)		Instrument	Run		7/29/2020 4:22:21 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Run started on port 1 (File: Z:\XADs\2020-07-29\Bioanalyze r1_Eukaryote Total RNA Pico_2020-07-29_003.xad)		Instrument	Run		7/29/2020 4:00:23 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Product Number : G2938C		Instrument	Run		7/29/2020 4:00:23 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Name :		Instrument	Run		7/29/2020 4:00:23 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Vendor : Agilent Technologies		Instrument	Run		7/29/2020 4:00:23 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Serial# : DE34903152		Instrument	Run		7/29/2020 4:00:23 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Firmware : C.01.069		Instrument	Run		7/29/2020 4:00:23 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Cartridge : Electrode		Instrument	Run		7/29/2020 4:00:23 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB