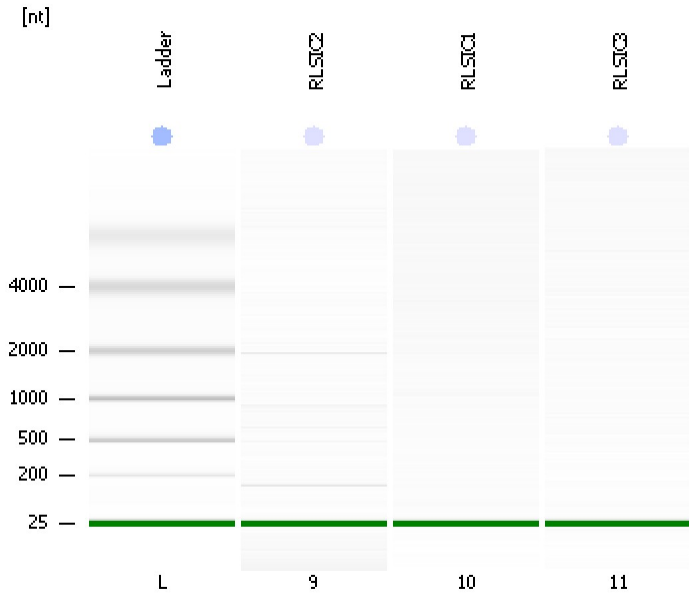


Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... expert\data\2019-10-21\2019-10-22\2019-10-22_001_QC499.xad

Created: 10/22/2019 11:20:08 AM
Modified: 10/22/2019 3:57:13 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 Pico Series II.xsy

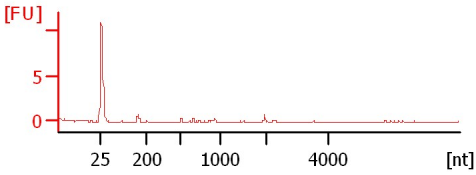
Assay Class: Eukaryote Total RNA Pico
Version: 2.6
Assay Comments: Total RNA Analysis pg sensitivity (Eukaryote)

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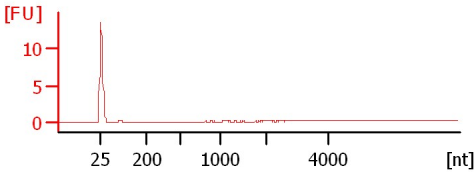
Chip Information:

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

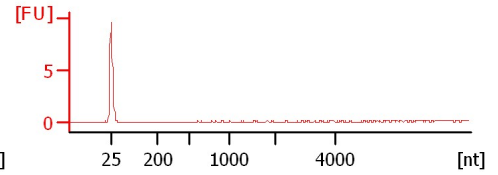
RLSIC2
HiSeq1962
RIN: 5.50



RLSIC1
HiSeq1962
RIN: 1



RLSIC3
HiSeq1962
RIN: 1



Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\... expert\data\2019-10-21\2019-10-22\2019-10-22_001_QC499.xad

Created: 10/22/2019 11:20:08 AM
 Modified: 10/22/2019 3:57:13 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
RLSIC2	HiSeq1962	✓	RIN: 5.50	
RLSIC1	HiSeq1962	✓	RIN:1	
RLSIC3	HiSeq1962	✓	RIN:1	
Ladder		✓	All Other Samples	

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... expert\data\2019-10-21\2019-10-22\2019-10-22_001_QC499.xad

Created: 10/22/2019 11:20:08 AM
Modified: 10/22/2019 3:57:13 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

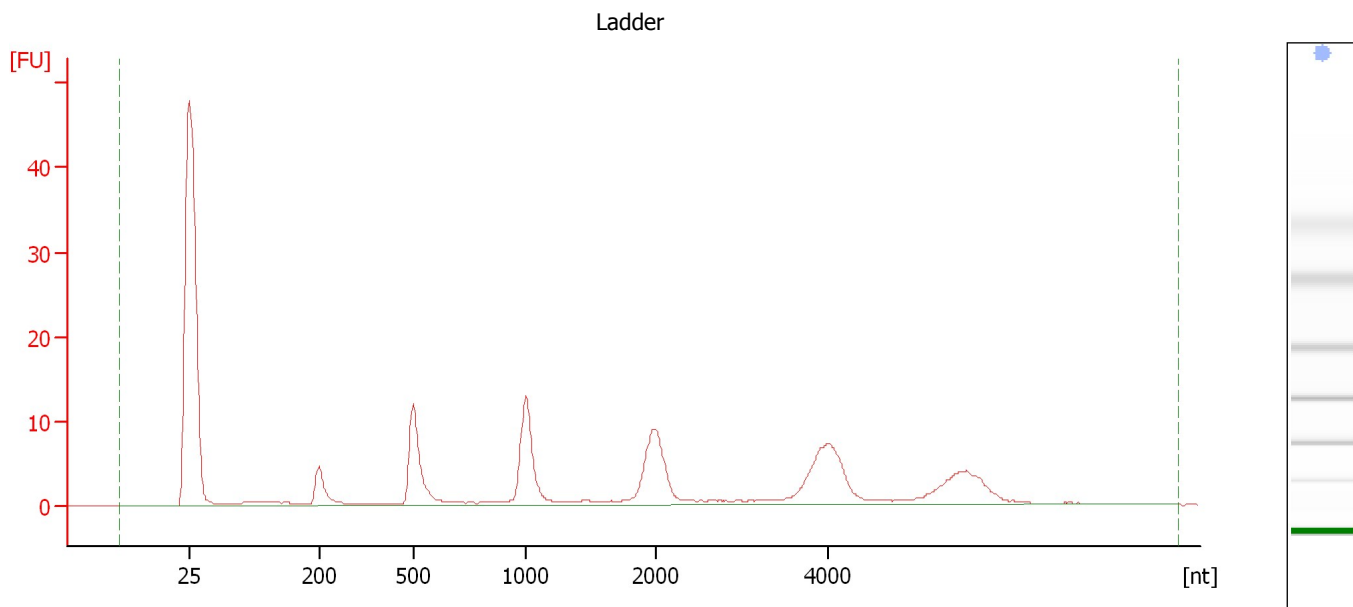
Ladder

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

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... expert\data\2019-10-21\2019-10-22\2019-10-22_001_QC499.xad

Created: 10/22/2019 11:20:08 AM
Modified: 10/22/2019 3:57:13 PM

Electropherogram Summary



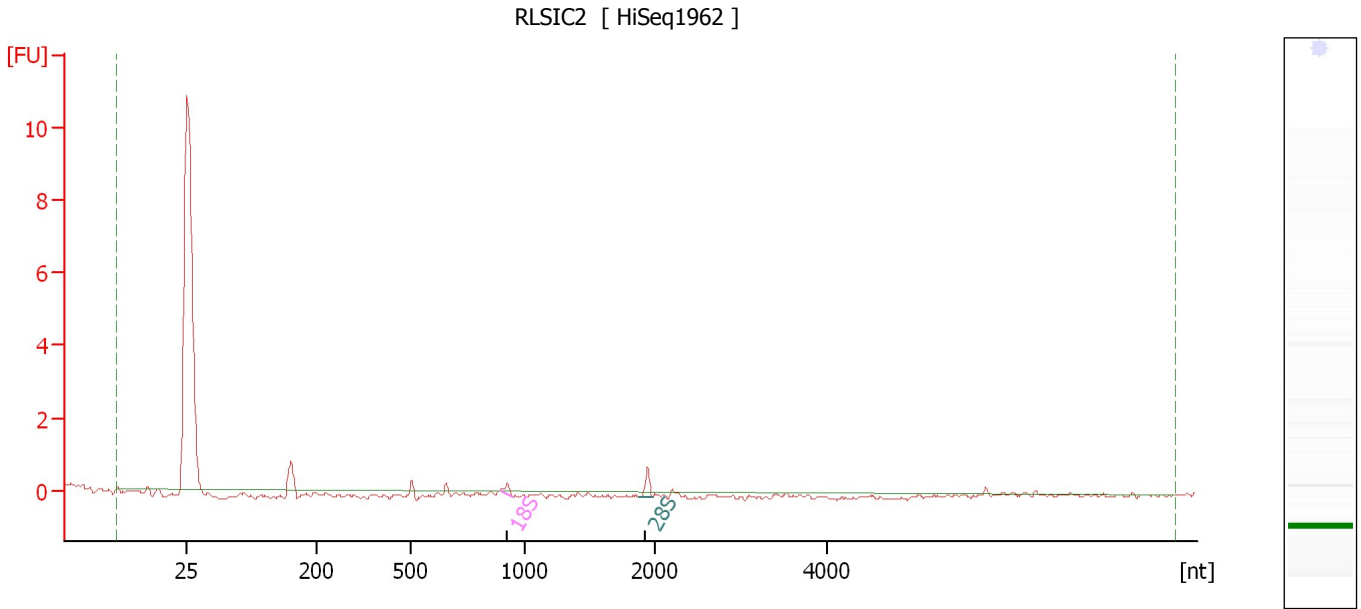
Overall Results for Ladder

RNA Area:	139.2	Result Flagging Color:	
RNA Concentration:	1,000 pg/μl	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\... expert\data\2019-10-21\2019-10-22\2019-10-22_001_QC499.xad

Created: 10/22/2019 11:20:08 AM
 Modified: 10/22/2019 3:57:13 PM

Electropherogram Summary Continued ...



Overall Results for sample 9 : RLSIC2

RNA Area:	1.6	RNA Integrity Number (RIN):	5.5 (B.02.08)
RNA Concentration:	11 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.9	Result Flagging Label:	RIN: 5.50

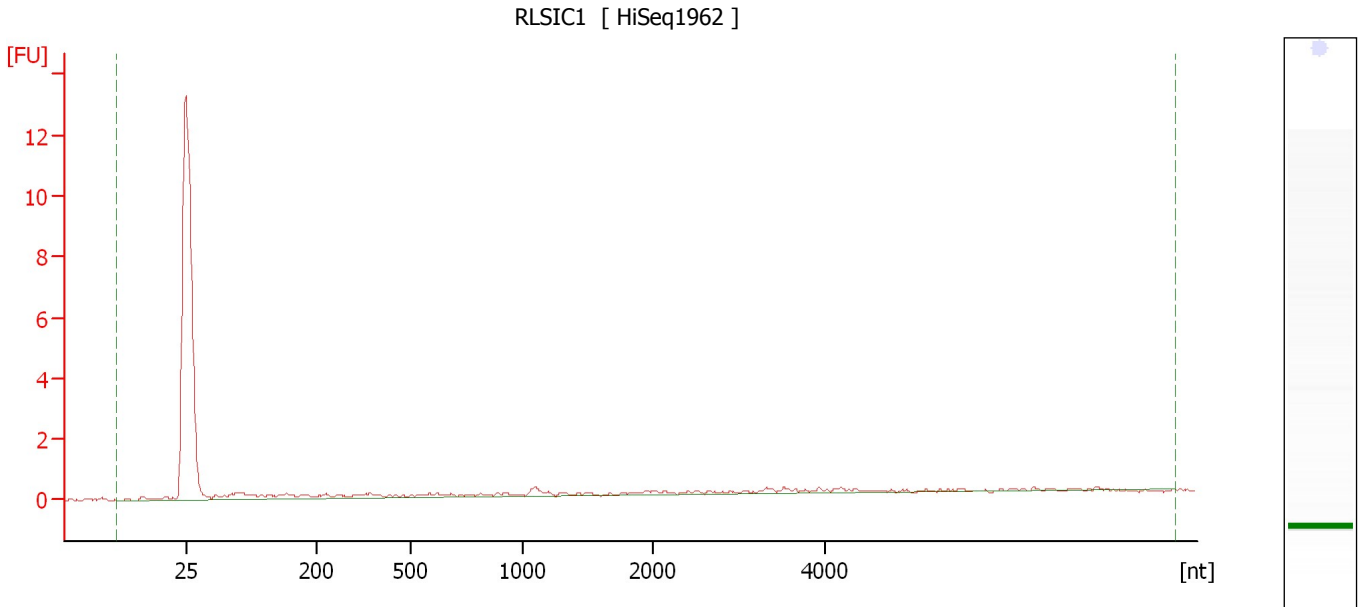
Fragment table for sample 9 : RLSIC2

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	893	944	0.2	13.8
28S	1,884	1,983	0.4	26.5

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... expert\data\2019-10-21\2019-10-22\2019-10-22_001_QC499.xad

Created: 10/22/2019 11:20:08 AM
Modified: 10/22/2019 3:57:13 PM

Electropherogram Summary Continued ...



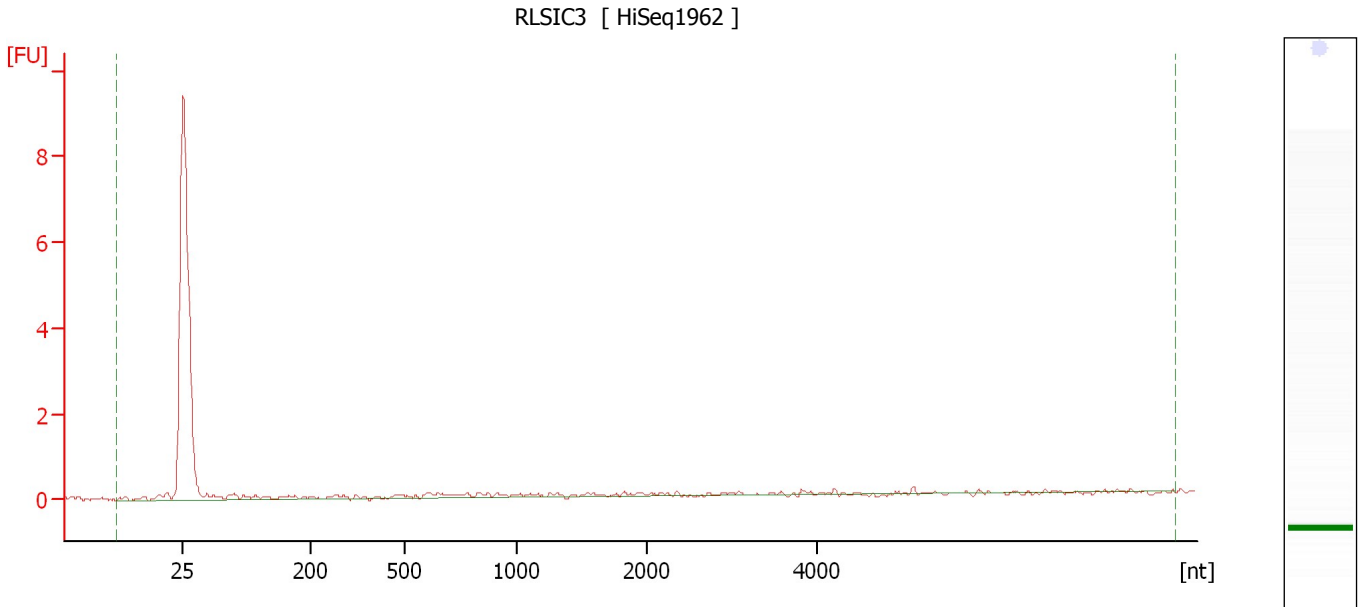
Overall Results for sample 10 : RLSIC1

RNA Area:	7.4	RNA Integrity Number (RIN):	1 (B.02.08)
RNA Concentration:	53 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN:1

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... expert\data\2019-10-21\2019-10-22\2019-10-22_001_QC499.xad

Created: 10/22/2019 11:20:08 AM
Modified: 10/22/2019 3:57:13 PM

Electropherogram Summary Continued ...



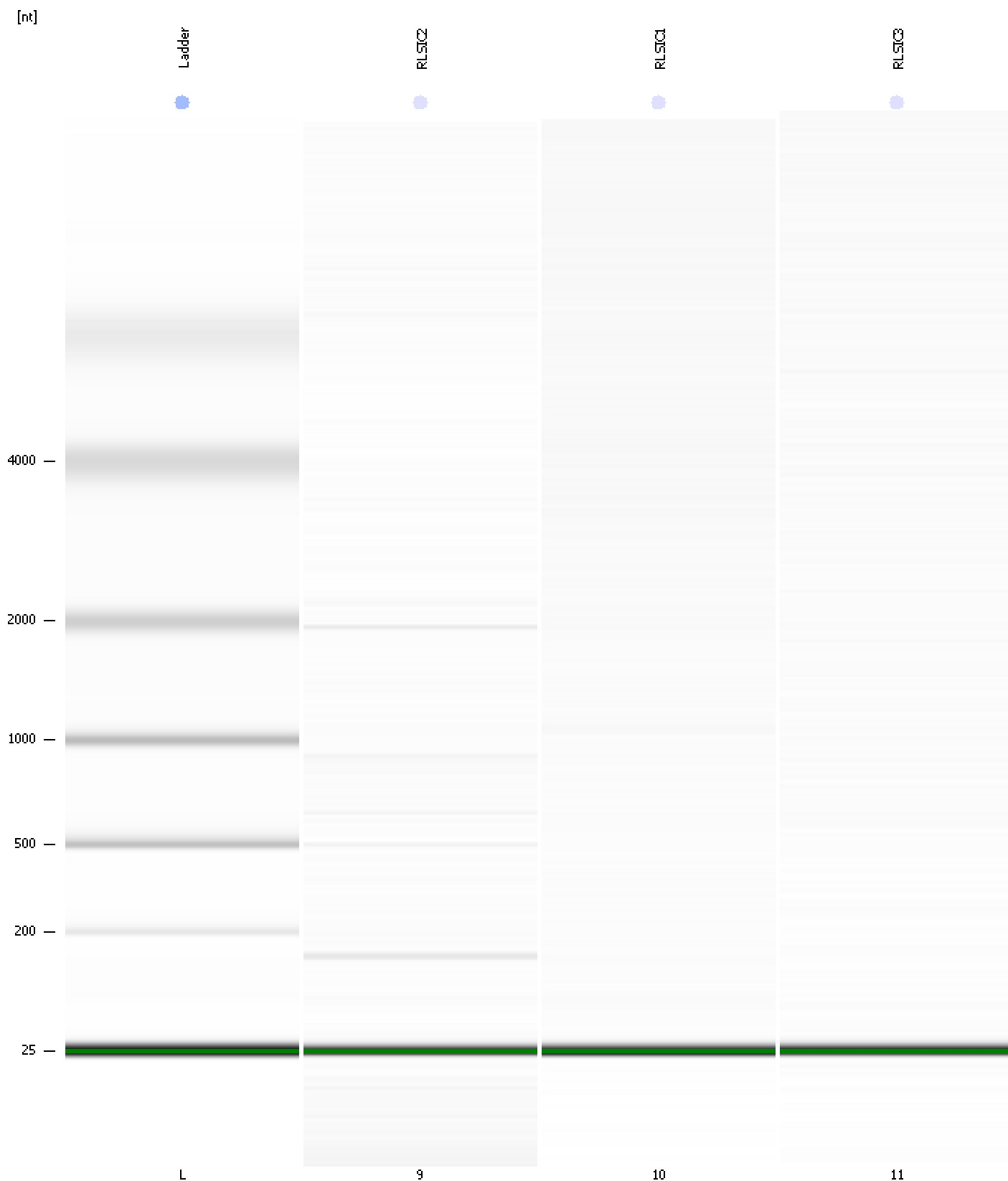
Overall Results for sample 11 : RLSIC3

RNA Area:	3.1	RNA Integrity Number (RIN):	1 (B.02.08)
RNA Concentration:	23 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN:1

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... expert\data\2019-10-21\2019-10-22\2019-10-22_001_QC499.xad

Created: 10/22/2019 11:20:08 AM
Modified: 10/22/2019 3:57:13 PM

Gel Image



Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\... expert\data\2019-10-21\2019-10-22\2019-10-22_001_QC499.xad

Created: 10/22/2019 11:20:08 AM
 Modified: 10/22/2019 3:57:13 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		10/22/2019 11:43:03 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Run started on port 1 (File: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\data\2019-10-21\2019-10-22\2019-10-22_001.xad)		Instrument	Run		10/22/2019 11:20:14 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Product Number : G2938C		Instrument	Run		10/22/2019 11:20:14 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Name :		Instrument	Run		10/22/2019 11:20:14 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Vendor : Agilent Technologies		Instrument	Run		10/22/2019 11:20:14 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Serial# : DE34903152		Instrument	Run		10/22/2019 11:20:14 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Firmware : C.01.069		Instrument	Run		10/22/2019 11:20:14 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Cartridge : Electrode		Instrument	Run		10/22/2019 11:20:14 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1