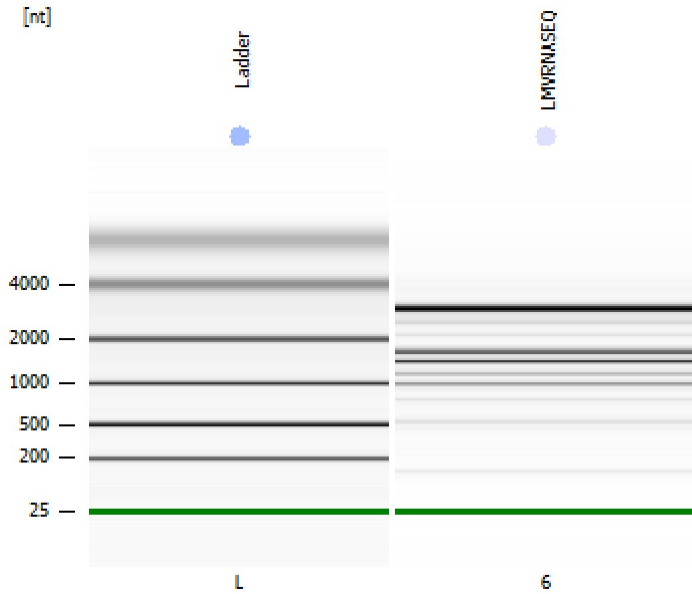


Assay Class: Eukaryote Total RNA Nano  
Data Path: Z:\...zer1\_Eukaryote Total RNA Nano\_2020-11-30\_001\_NovaSeq302.xad

Created: 11/30/2020 11:47:41 AM  
Modified: 11/30/2020 12:12:07 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\Eukaryote Total RNA Nano Series II.xsy

Assay Class: Eukaryote Total RNA Nano

Version: 2.6

Assay Comments: Total RNA Analysis ng sensitivity (Eukaryote)

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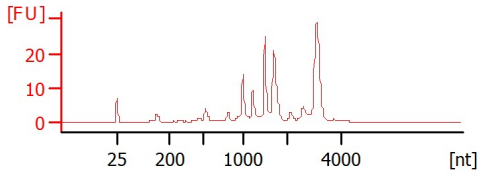
Chip Information:

Chip Lot #:

Reagent Kit Lot #:

Chip Comments:

**LMVRNASEQ**  
NovaSeq302  
RIN: 7.30



Assay Class: Eukaryote Total RNA Nano  
Data Path: Z:\...zer1\_Eukaryote Total RNA Nano\_2020-11-30\_001\_NovaSeq302.xad

Created: 11/30/2020 11:47:41 AM  
Modified: 11/30/2020 12:12:07 PM

**Electrophoresis File Run Summary (Chip Summary)**

Sample Name	Sample Comment	Status	Result Label	Result Color
LMVRNASEQ	NovaSeq302	✓	RIN: 7.30	
Ladder		✓	All Other Samples	

**Chip Lot #** **Reagent Kit Lot #**

**Chip Comments :**

Assay Class: Eukaryote Total RNA Nano  
 Data Path: Z:\...zer1\_Eukaryote Total RNA Nano\_2020-11-30\_001\_NovaSeq302.xad

Created: 11/30/2020 11:47:41 AM  
 Modified: 11/30/2020 12:12:07 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

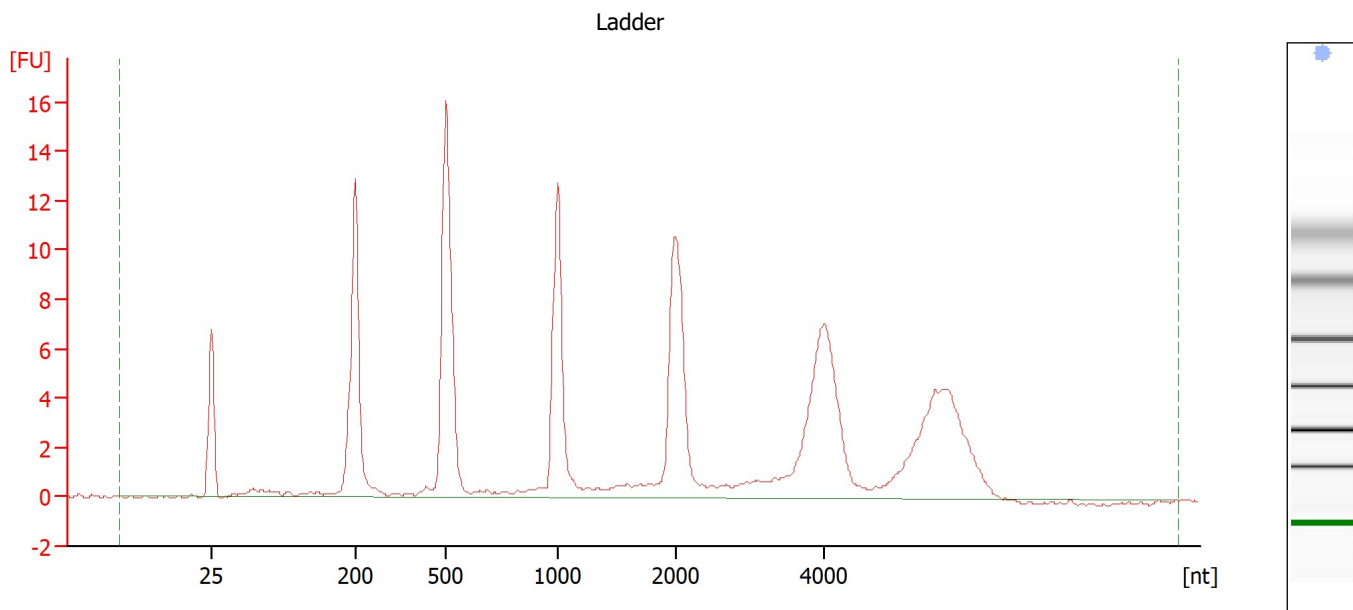
**Ladder**

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

Assay Class: Eukaryote Total RNA Nano  
Data Path: Z:\...zer1\_Eukaryote Total RNA Nano\_2020-11-30\_001\_NovaSeq302.xad

Created: 11/30/2020 11:47:41 AM  
Modified: 11/30/2020 12:12:07 PM

**Electropherogram Summary**



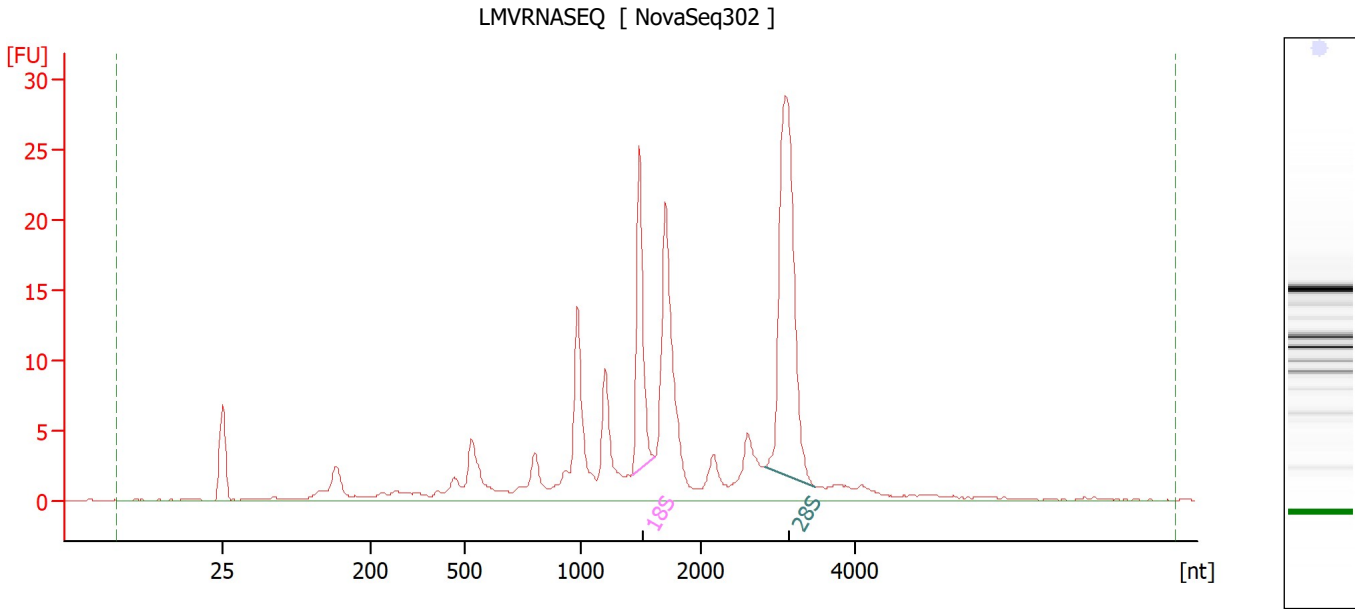
**Overall Results for Ladder**

RNA Area:	139.0	Result Flagging Color:	<span style="background-color: #add8e6; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span>
RNA Concentration:	150 ng/μl	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Nano  
 Data Path: Z:\...zer1\_Eukaryote Total RNA Nano\_2020-11-30\_001\_NovaSeq302.xad

Created: 11/30/2020 11:47:41 AM  
 Modified: 11/30/2020 12:12:07 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 6 : LMVRNASEQ**

RNA Area:	191.4	RNA Integrity Number (RIN):	7.3 (B.02.10, Anomaly Threshold(s) manually adapted)
RNA Concentration:	207 ng/μl	Result Flagging Color:	<span style="background-color: #ccccff; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span>
rRNA Ratio [28s / 18s]:	2.4	Result Flagging Label:	RIN: 7.30

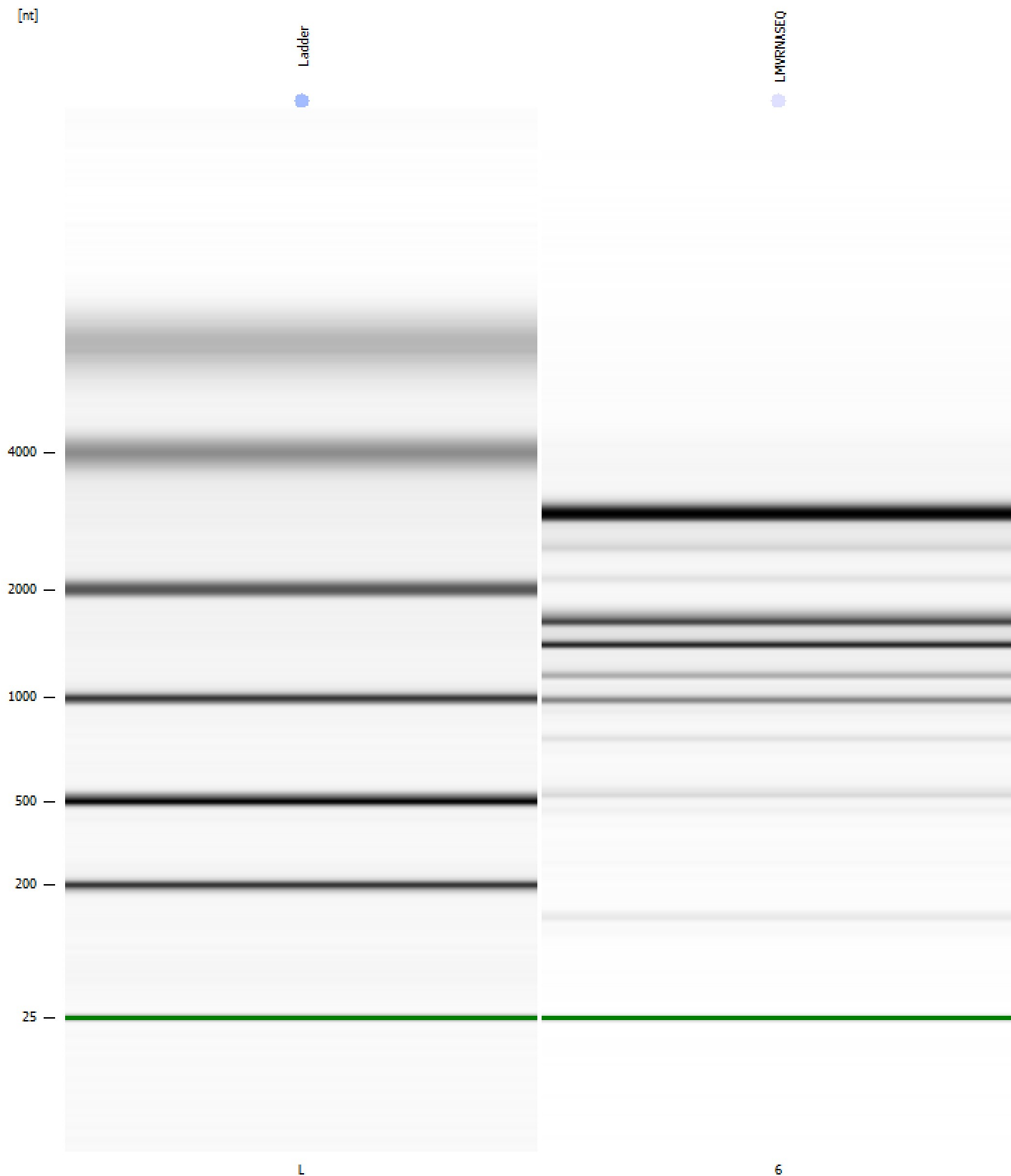
**Fragment table for sample 6 : LMVRNASEQ**

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,427	1,621	17.9	9.4
28S	2,827	3,497	42.5	22.2

Assay Class: Eukaryote Total RNA Nano  
Data Path: Z:\...zer1\_Eukaryote Total RNA Nano\_2020-11-30\_001\_NovaSeq302.xad

Created: 11/30/2020 11:47:41 AM  
Modified: 11/30/2020 12:12:07 PM

**Gel Image**



Assay Class: Eukaryote Total RNA Nano  
 Data Path: Z:\...zer1\_Eukaryote Total RNA Nano\_2020-11-30\_001\_NovaSeq302.xad

Created: 11/30/2020 11:47:41 AM  
 Modified: 11/30/2020 12:12:07 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		11/30/2020 12:10:09 PM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Run started on port 1 (File: Z:\XADs\2020-11-30\Bioanalyze r1_Eukaryote Total RNA Nano_2020-11-30_001.xad)		Instrument	Run		11/30/2020 11:47:47 AM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Product Number : G2938C		Instrument	Run		11/30/2020 11:47:47 AM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Name :		Instrument	Run		11/30/2020 11:47:47 AM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Vendor : Agilent Technologies		Instrument	Run		11/30/2020 11:47:47 AM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Serial# : DE34903152		Instrument	Run		11/30/2020 11:47:47 AM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Firmware : C.01.069		Instrument	Run		11/30/2020 11:47:47 AM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Cartridge : Electrode		Instrument	Run		11/30/2020 11:47:47 AM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB