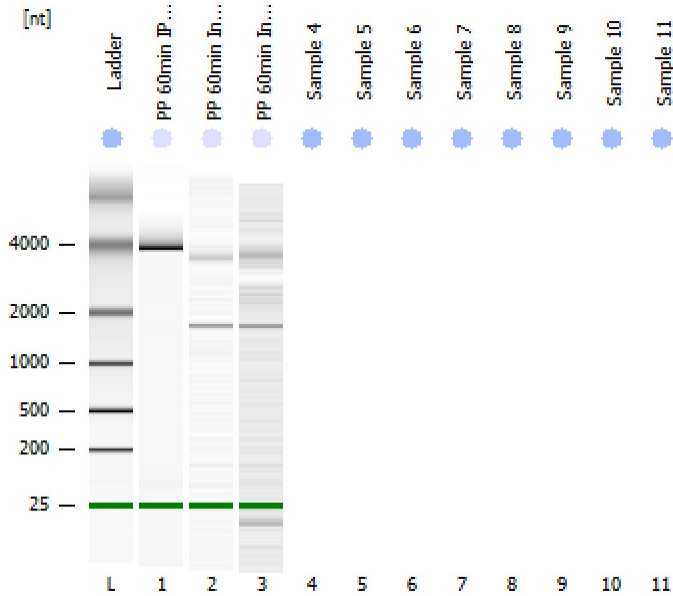


Assay Class: Eukaryote Total RNA Pico  
Data Path: Z:\...07\Bioanalyzer1\_Eukaryote Total RNA Pico\_2020-02-07\_001.xad

Created: 2/7/2020 10:48:00 AM  
Modified: 2/7/2020 11:13:42 AM

**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 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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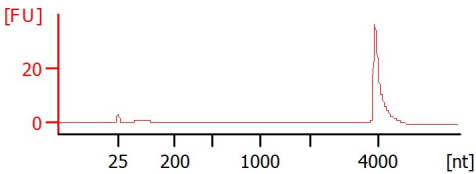
Chip Information:

Chip Lot #:

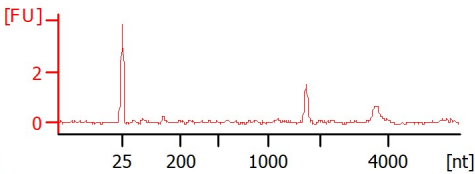
Reagent Kit Lot #:

Chip Comments:

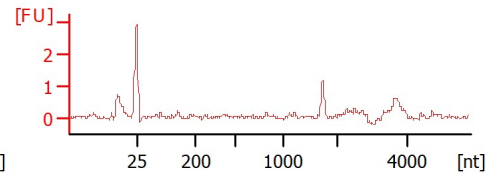
**PP 60min IP 2.5.20**  
RIN: 2.30



**PP 60min Input 2.5.20 Duplicate 1**  
RIN: 2.50



**PP 60min Input 2.5.20 Duplicate 2**  
RIN: 2.30



Assay Class: Eukaryote Total RNA Pico  
 Data Path: Z:\...07\Bioanalyzer1\_Eukaryote Total RNA Pico\_2020-02-07\_001.xad

Created: 2/7/2020 10:48:00 AM  
 Modified: 2/7/2020 11:13:42 AM

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

Sample Name	Sample Comment	Status	Result Label	Result Color
PP 60min IP 2.5.20		✓	RIN: 2.30	
PP 60min Input 2.5.20 Duplicate 1		✓	RIN: 2.50	
PP 60min Input 2.5.20 Duplicate 2		✓	RIN: 2.30	
Sample 4				
Sample 5				
Sample 6				
Sample 7				
Sample 8				
Sample 9				
Sample 10				
Sample 11				
Ladder		✓	All Other Samples	

**Chip Lot #**

**Reagent Kit Lot #**

**Chip Comments :**

Assay Class: Eukaryote Total RNA Pico  
 Data Path: Z:\...07\Bioanalyzer1\_Eukaryote Total RNA Pico\_2020-02-07\_001.xad

Created: 2/7/2020 10:48:00 AM  
 Modified: 2/7/2020 11:13:42 AM

**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

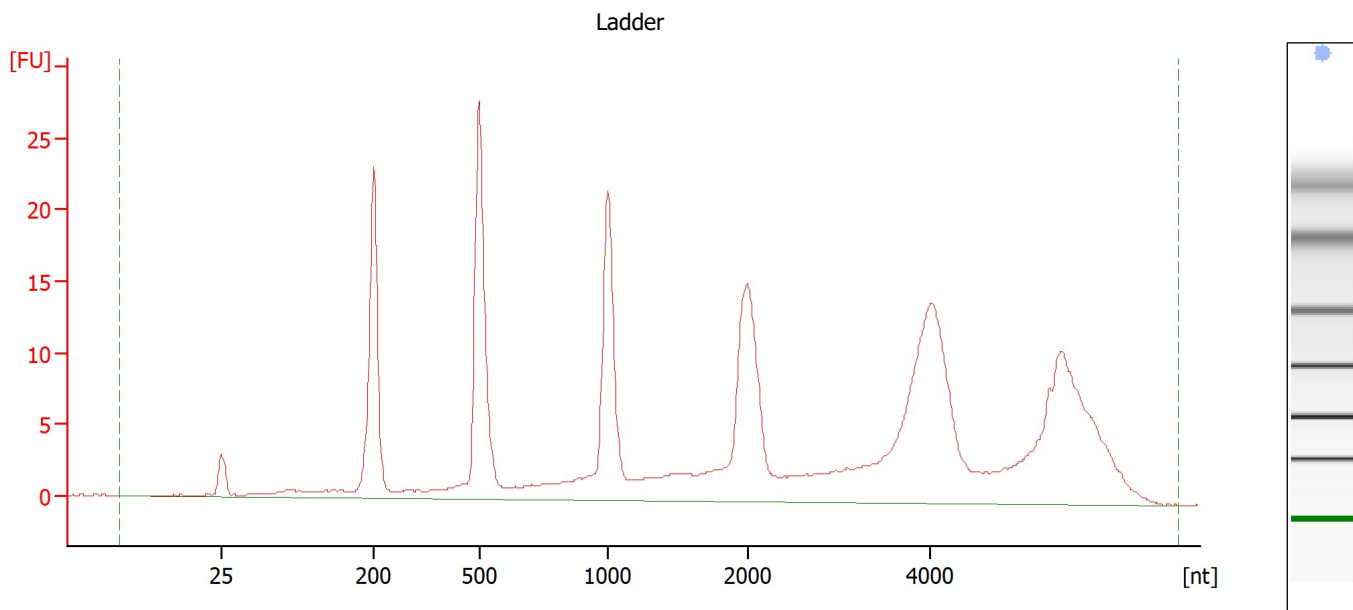
**Ladder**

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

Assay Class: Eukaryote Total RNA Pico  
Data Path: Z:\...07\Bioanalyzer1\_Eukaryote Total RNA Pico\_2020-02-07\_001.xad

Created: 2/7/2020 10:48:00 AM  
Modified: 2/7/2020 11:13:42 AM

**Electropherogram Summary**



**Overall Results for Ladder**

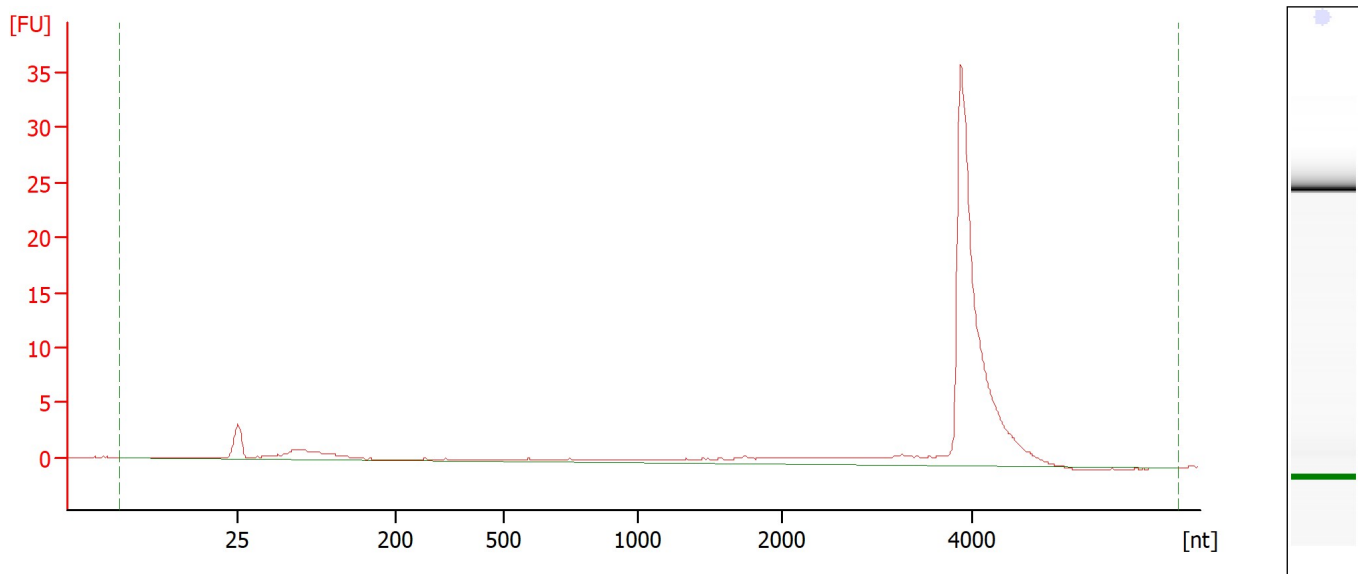
RNA Area:	319.4	Result Flagging Color:	<span style="background-color: #ADD8E6; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span>
RNA Concentration:	1,000 pg/μl	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Pico  
 Data Path: Z:\...07\Bioanalyzer1\_Eukaryote Total RNA Pico\_2020-02-07\_001.xad

Created: 2/7/2020 10:48:00 AM  
 Modified: 2/7/2020 11:13:42 AM

**Electropherogram Summary Continued ...**

PP 60min IP 2.5.20



**Overall Results for sample 1 : PP 60min IP 2.5.20**

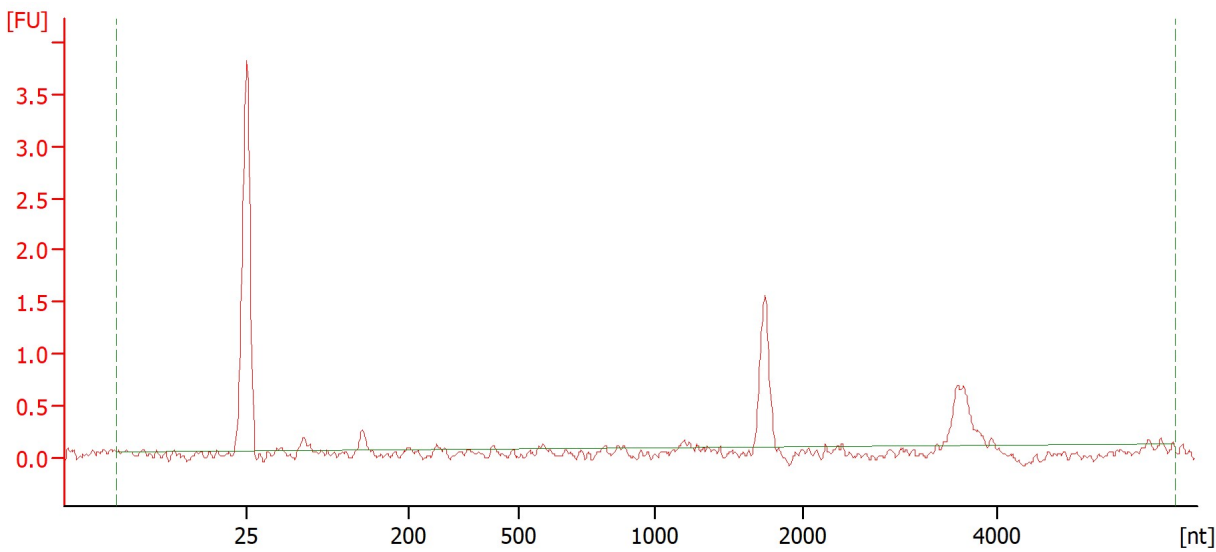
RNA Area:	96.9	RNA Integrity Number (RIN):	2.3 (B.02.10)
RNA Concentration:	303 pg/μl	Result Flagging Color:	<span style="background-color: #ccccff; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span>
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.30

Assay Class: Eukaryote Total RNA Pico  
Data Path: Z:\...07\Bioanalyzer1\_Eukaryote Total RNA Pico\_2020-02-07\_001.xad

Created: 2/7/2020 10:48:00 AM  
Modified: 2/7/2020 11:13:42 AM

**Electropherogram Summary Continued ...**

PP 60min Input 2.5.20 Duplicate 1



**Overall Results for sample 2 : PP 60min Input 2.5.20 Duplicate 1**

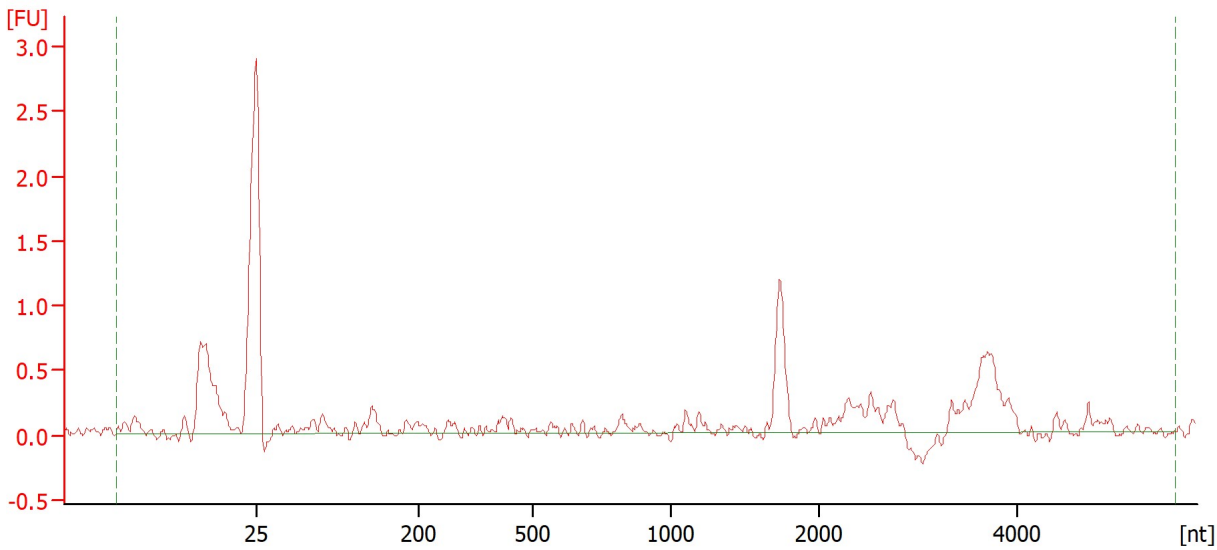
RNA Area:	3.0	RNA Integrity Number (RIN):	2.5 (B.02.10, Anomaly Threshold(s) manually adapted)
RNA Concentration:	9 pg/μl		
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Color:	<span style="background-color: #ccccff; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span>
		Result Flagging Label:	RIN: 2.50

Assay Class: Eukaryote Total RNA Pico  
Data Path: Z:\...07\Bioanalyzer1\_Eukaryote Total RNA Pico\_2020-02-07\_001.xad

Created: 2/7/2020 10:48:00 AM  
Modified: 2/7/2020 11:13:42 AM

**Electropherogram Summary Continued ...**


PP 60min Input 2.5.20 Duplicate 2



**Setpoint Deviations for sample 3 : PP 60min Input 2.5.20 Duplicate 2**

Height Threshold [FU] : 2

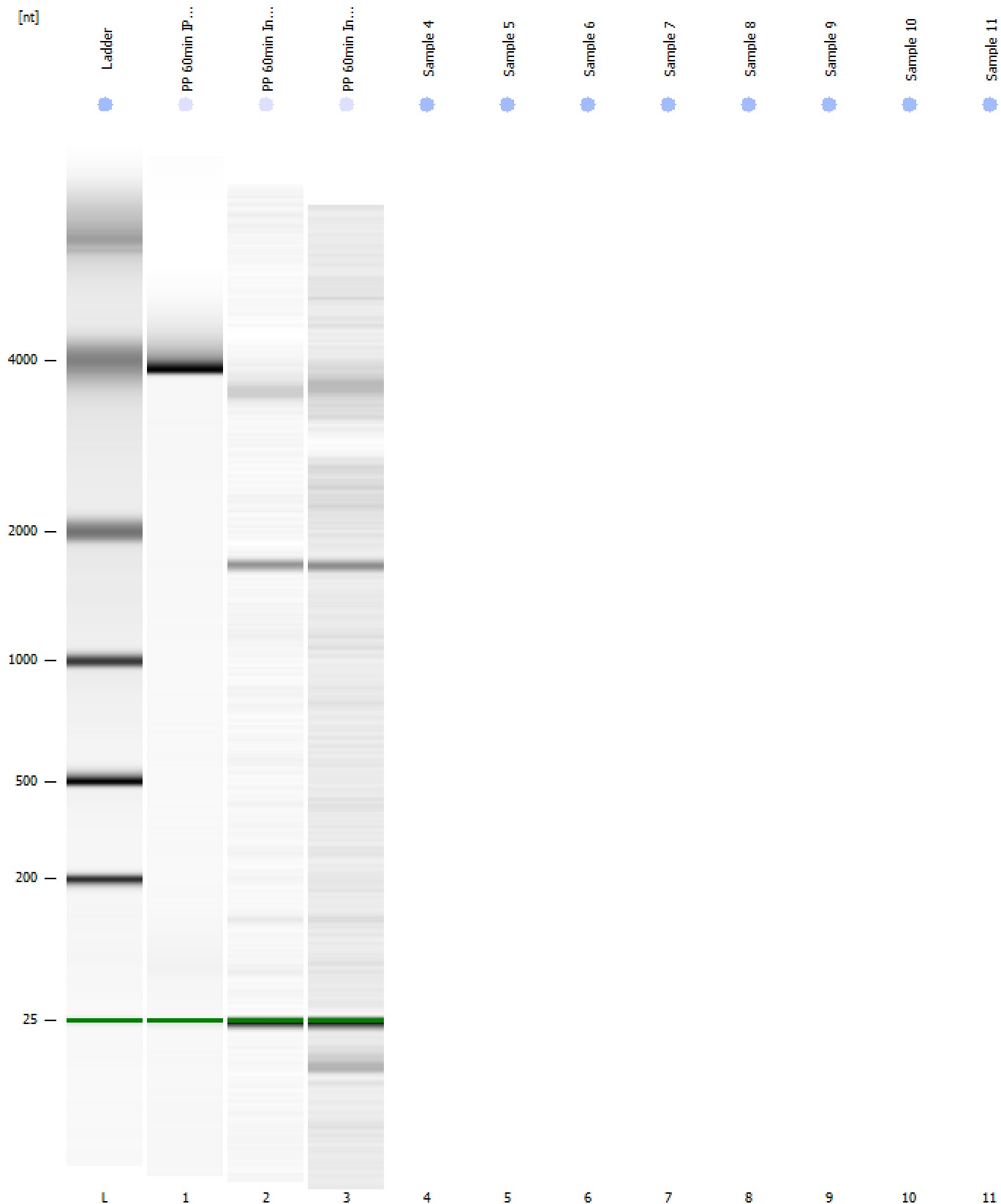
**Overall Results for sample 3 : PP 60min Input 2.5.20 Duplicate 2**

RNA Area:	10.2	RNA Integrity Number (RIN):	2.3 (B.02.10, Anomaly Threshold(s) manually adapted)
RNA Concentration:	32 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.30

Assay Class: Eukaryote Total RNA Pico  
Data Path: Z:\...07\Bioanalyzer1\_Eukaryote Total RNA Pico\_2020-02-07\_001.xad

Created: 2/7/2020 10:48:00 AM  
Modified: 2/7/2020 11:13:42 AM

**Gel Image**





Assay Class: Eukaryote Total RNA Pico  
Data Path: Z:\...07\Bioanalyzer1\_Eukaryote Total RNA Pico\_2020-02-07\_001.xad

Created: 2/7/2020 10:48:00 AM  
Modified: 2/7/2020 11:13:42 AM

**Invalid Samples**

- Sample 4 has not been run, no results available.
- Sample 5 has not been run, no results available.
- Sample 6 has not been run, no results available.
- Sample 7 has not been run, no results available.
- Sample 8 has not been run, no results available.
- Sample 9 has not been run, no results available.
- Sample 10 has not been run, no results available.
- Sample 11 has not been run, no results available.

Assay Class: Eukaryote Total RNA Pico  
 Data Path: Z:\...07\Bioanalyzer1\_Eukaryote Total RNA Pico\_2020-02-07\_001.xad  
 Created: 2/7/2020 10:48:00 AM  
 Modified: 2/7/2020 11:13:42 AM

**Run Logbook**

Description	Number	Source	Category	Sub Category	Time	Time Zone	User	Host
Run ended on port 1 (Number of wells acquired: 4)		Instrument	Run		2/7/2020 10:59:29 AM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Run started on port 1 (File: Z:\XADs\2020-02-07\Bioanalyze r1_Eukaryote Total RNA Pico_2020-02-07_001.xad)		Instrument	Run		2/7/2020 10:48:06 AM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Product Number : G2938C		Instrument	Run		2/7/2020 10:48:06 AM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Name :		Instrument	Run		2/7/2020 10:48:06 AM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Vendor : Agilent Technologies		Instrument	Run		2/7/2020 10:48:06 AM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Serial# : DE34903152		Instrument	Run		2/7/2020 10:48:06 AM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Firmware : C.01.069		Instrument	Run		2/7/2020 10:48:06 AM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Cartridge : Electrode		Instrument	Run		2/7/2020 10:48:05 AM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB