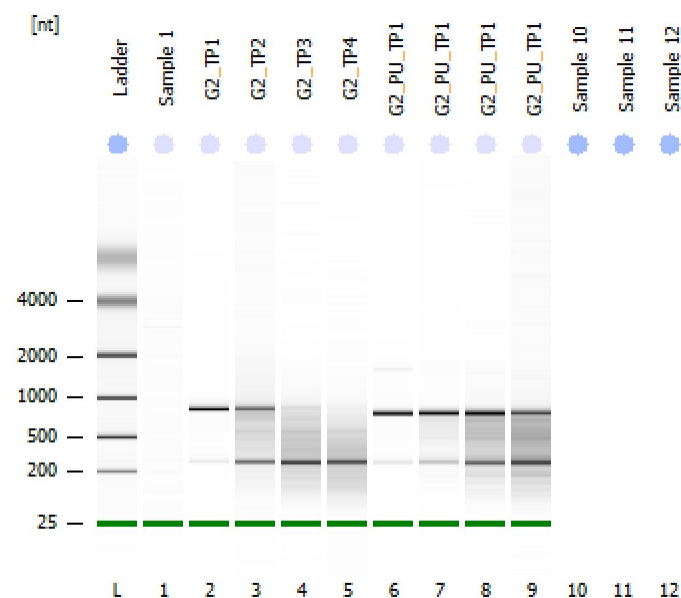


Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...2020-11-24\Eukaryote Total RNA Nano_2020-11-24_12-22-23.xad

Created: 11/24/2020 12:22:22 PM
Modified: 11/24/2020 1:20:56 PM

Electrophoresis File Run SummaryInstrument Information:

Instrument Name: DE72901302

Firmware: C.01.069

Serial#: DE72901302

Type: G2939A

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)

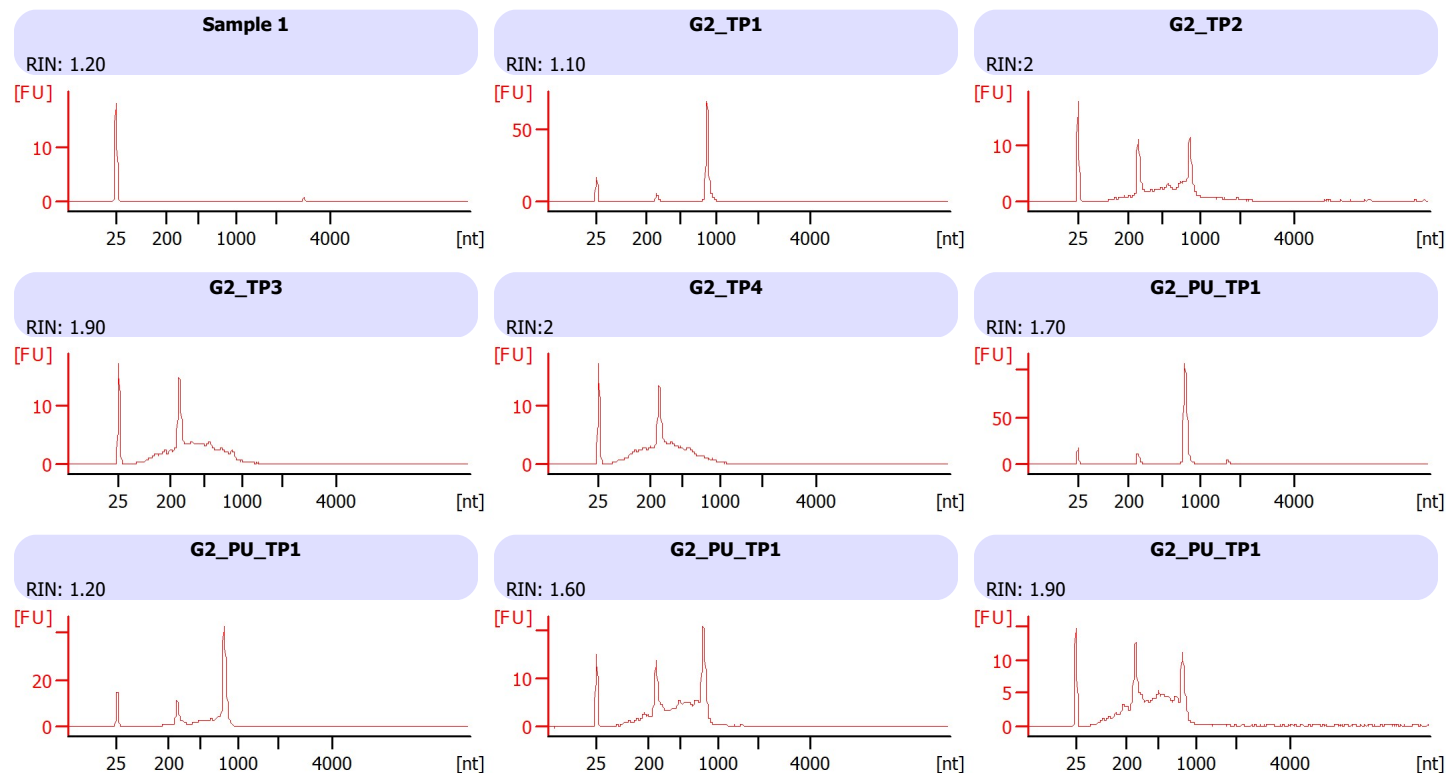
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Chip Information:

Chip Lot #:

Reagent Kit Lot #:

Chip Comments:



Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...2020-11-24\Eukaryote Total RNA Nano_2020-11-24_12-22-23.xad

Created: 11/24/2020 12:22:22 PM
Modified: 11/24/2020 1:20:56 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Stat Result Label	Result Color
Sample 1		✓ RIN: 1.20	
G2_TP1		✓ RIN: 1.10	
G2_TP2		✓ RIN:2	
G2_TP3		✓ RIN: 1.90	
G2_TP4		✓ RIN:2	
G2_PU_TP1		✓ RIN: 1.70	
G2_PU_TP1		✓ RIN: 1.20	
G2_PU_TP1		✓ RIN: 1.60	
G2_PU_TP1		✓ RIN: 1.90	
Sample 10			
Sample 11			
Sample 12			
Ladder		✓ All Other Samples	

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

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...2020-11-24\Eukaryote Total RNA Nano_2020-11-24_12-22-23.xad

Created: 11/24/2020 12:22:22 PM
Modified: 11/24/2020 1:20:56 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

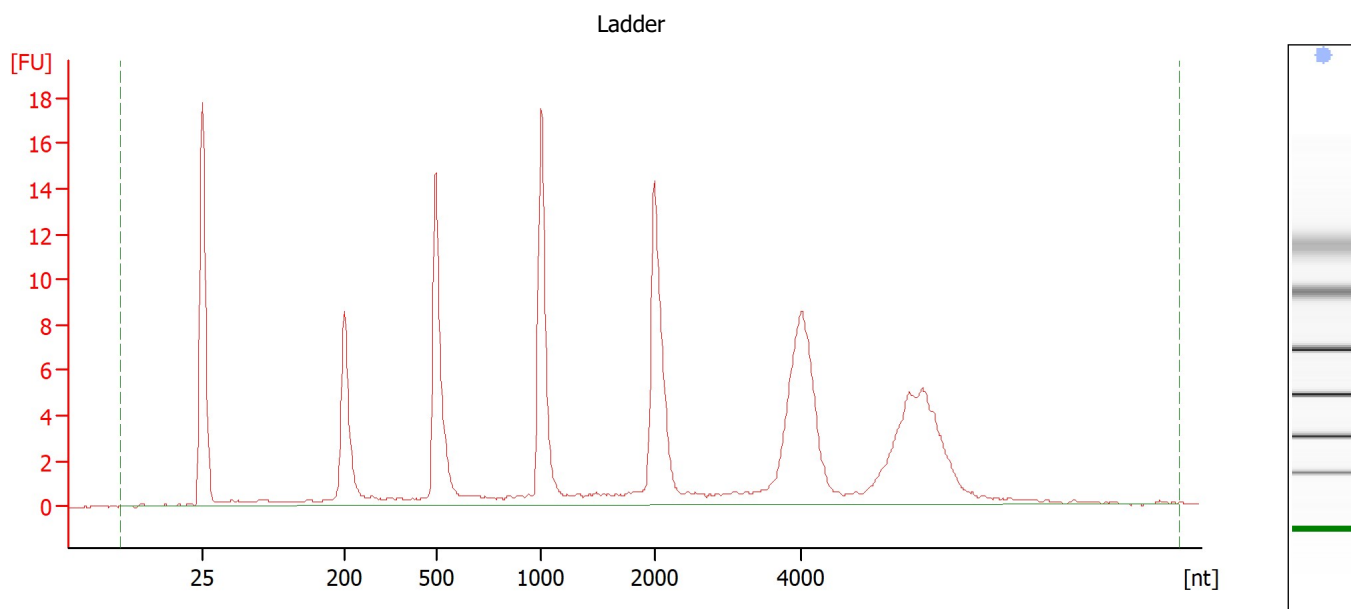
Ladder

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

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...2020-11-24\Eukaryote Total RNA Nano_2020-11-24_12-22-23.xad

Created: 11/24/2020 12:22:22 PM
Modified: 11/24/2020 1:20:56 PM

Electropherogram Summary



Overall Results for Ladder

RNA Area: 138.5

Result Flagging Color:



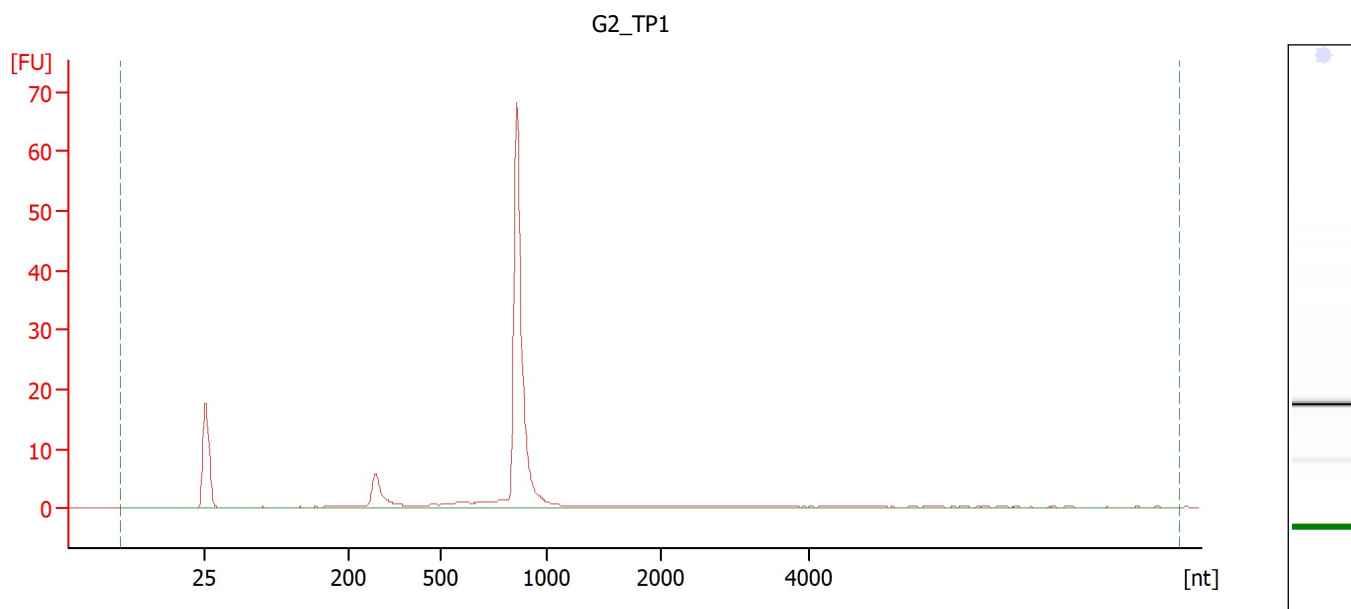
RNA Concentration: 150 ng/μl

Result Flagging Label:

All Other Samples

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...2020-11-24\Eukaryote Total RNA Nano_2020-11-24_12-22-23.xad

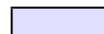
Created: 11/24/2020 12:22:22 PM
Modified: 11/24/2020 1:20:56 PM

Electropherogram Summary Continued ...**Overall Results for sample 2 : G2_TP1**

RNA Area: 114.4
RNA Concentration: 124 ng/μl
rRNA Ratio [28s / 18s]: 0.0

RNA Integrity Number (RIN): 1.1 (B.02.11,
Anomaly Threshold(s)
manually adapted)

Result Flagging Color:

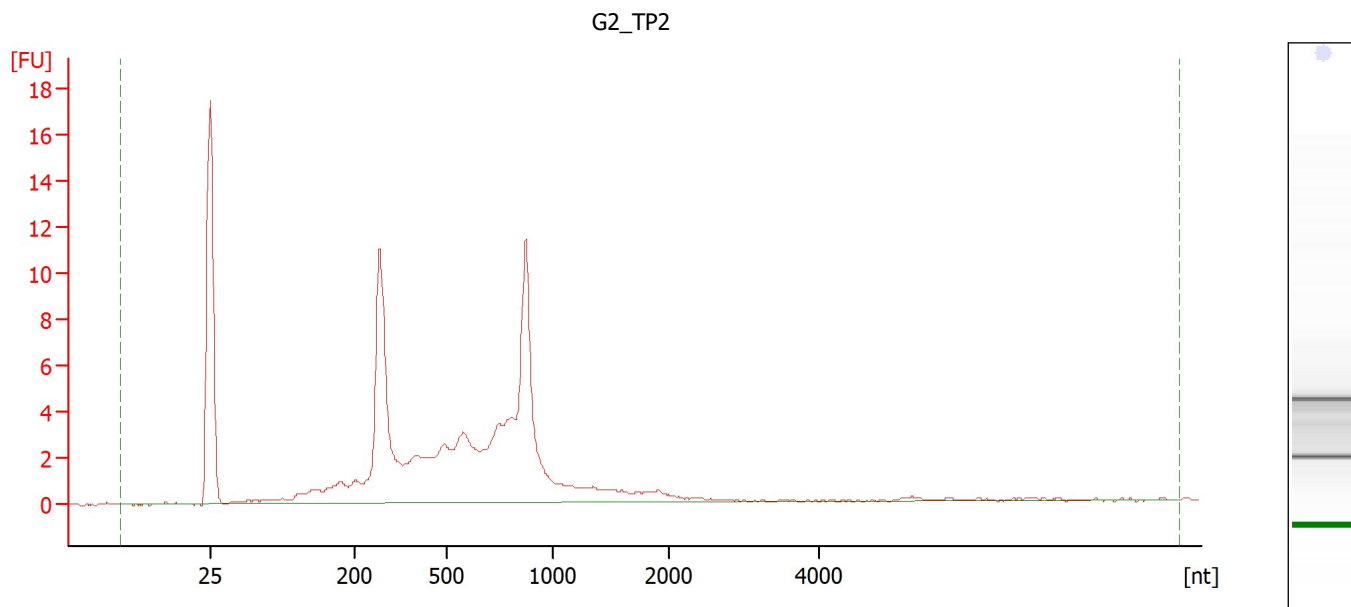


Result Flagging Label:

RIN: 1.10

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...2020-11-24\Eukaryote Total RNA Nano_2020-11-24_12-22-23.xad

Created: 11/24/2020 12:22:22 PM
Modified: 11/24/2020 1:20:56 PM

Electropherogram Summary Continued ...**Overall Results for sample 3 : G2_TP2**

RNA Area: 97.4

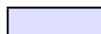
RNA Concentration: 105 ng/μl

rRNA Ratio [28s / 18s]: 0.0

RNA Integrity Number (RIN):

2 (B.02.11, Anomaly
Threshold(s) manually
adapted)

Result Flagging Color:

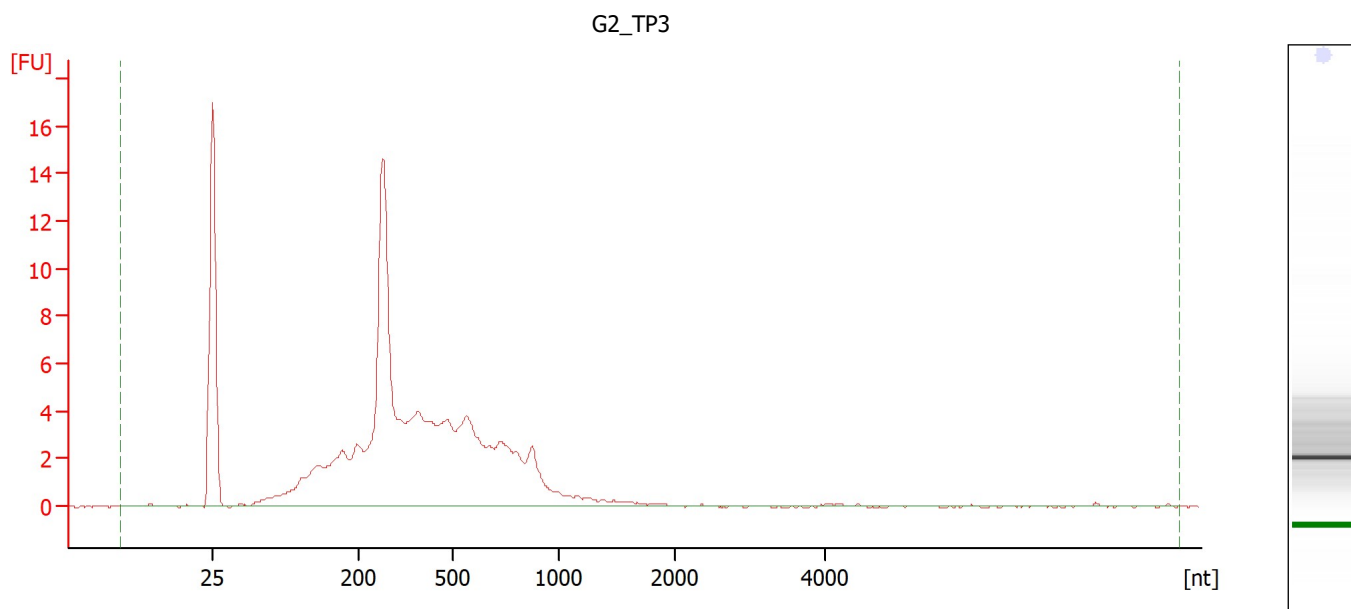


Result Flagging Label:

RIN:2

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...2020-11-24\Eukaryote Total RNA Nano_2020-11-24_12-22-23.xad

Created: 11/24/2020 12:22:22 PM
Modified: 11/24/2020 1:20:56 PM

Electropherogram Summary Continued ...**Overall Results for sample 4 : G2_TP3**

RNA Area: 114.8
RNA Concentration: 124 ng/μl
rRNA Ratio [28s / 18s]: 0.0

RNA Integrity Number (RIN): 1.9 (B.02.11,
Anomaly Threshold(s)
manually adapted)

Result Flagging Color:

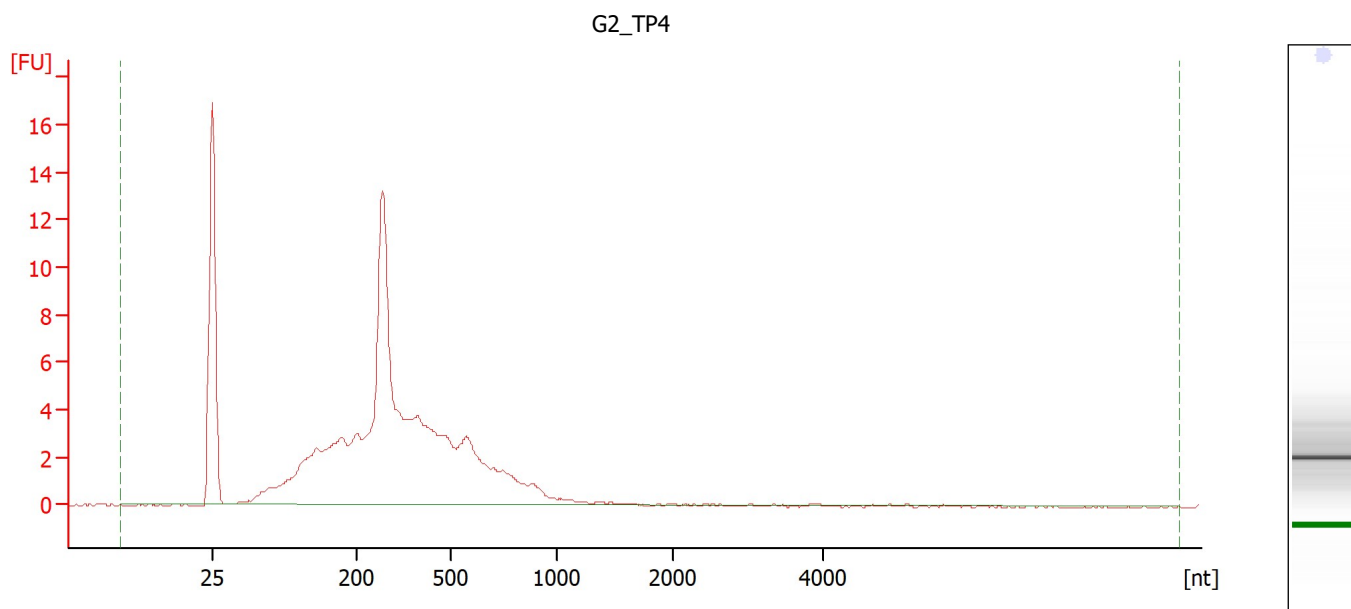


Result Flagging Label:

RIN: 1.90

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...2020-11-24\Eukaryote Total RNA Nano_2020-11-24_12-22-23.xad

Created: 11/24/2020 12:22:22 PM
Modified: 11/24/2020 1:20:56 PM

Electropherogram Summary Continued ...**Overall Results for sample 5 : G2_TP4**

RNA Area: 109.3
RNA Concentration: 118 ng/μl
rRNA Ratio [28s / 18s]: 0.0

RNA Integrity Number (RIN): 2 (B.02.11, Anomaly
Threshold(s) manually
adapted)

Result Flagging Color:

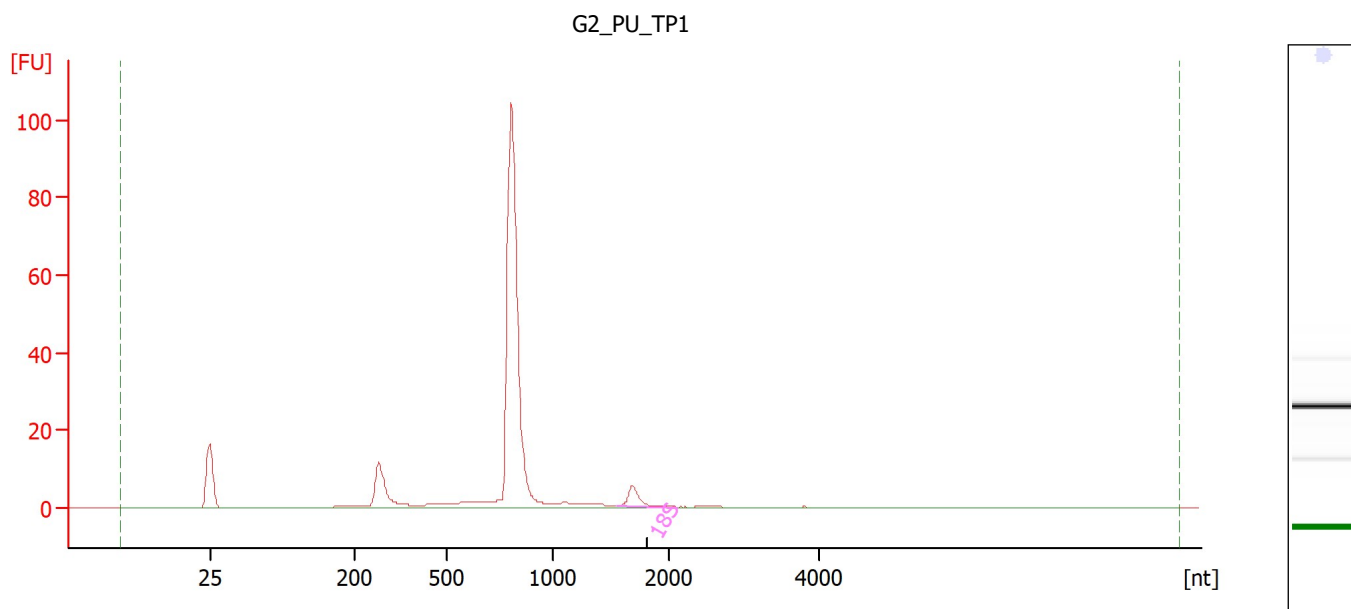


Result Flagging Label:

RIN:2

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...2020-11-24\Eukaryote Total RNA Nano_2020-11-24_12-22-23.xad

Created: 11/24/2020 12:22:22 PM
Modified: 11/24/2020 1:20:56 PM

Electropherogram Summary Continued ...**Overall Results for sample 6 : G2_PU_TP1**

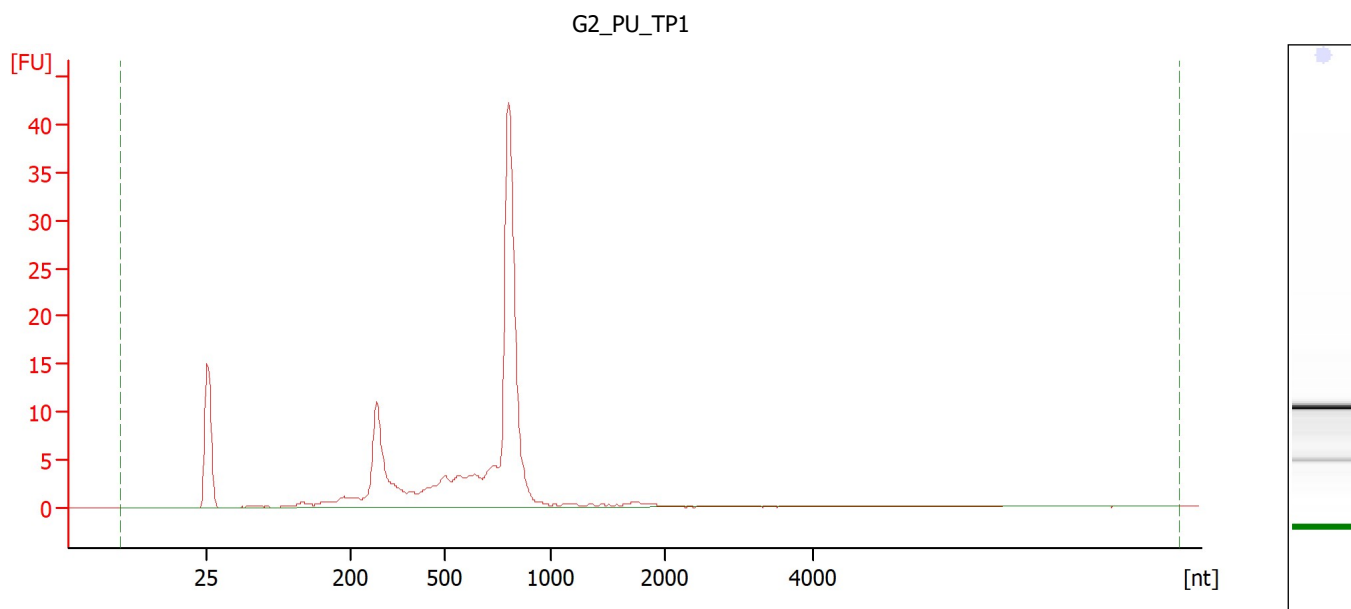
RNA Area:	214.2	RNA Integrity Number (RIN):	1.7 (B.02.11, Anomaly Threshold(s) manually adapted)
RNA Concentration:	232 ng/μl		
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Color:	<div style="background-color: #ccccff; width: 30px; height: 15px; display: inline-block;"></div>
		Result Flagging Label:	RIN: 1.70

Fragment table for sample 6 : G2_PU_TP1

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,550	2,123	6.6	3.1

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...2020-11-24\Eukaryote Total RNA Nano_2020-11-24_12-22-23.xad

Created: 11/24/2020 12:22:22 PM
Modified: 11/24/2020 1:20:56 PM

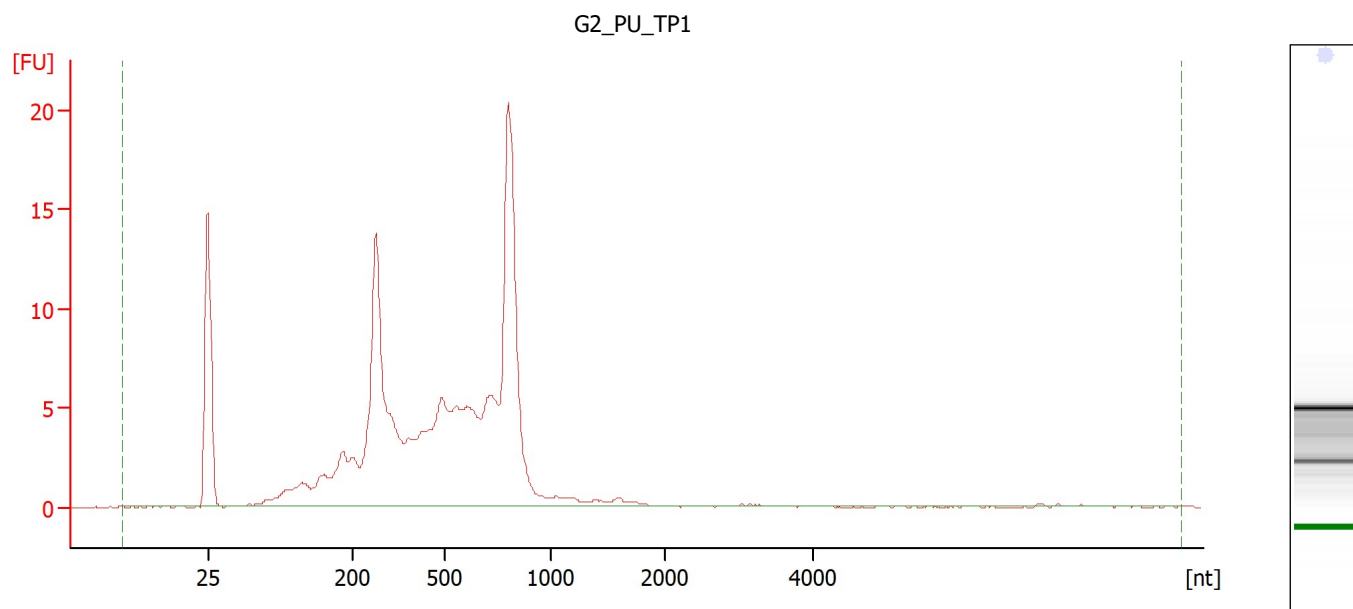
Electropherogram Summary Continued ...**Overall Results for sample 7 : G2_PU_TP1**

RNA Area: 133.8
RNA Concentration: 145 ng/μl
rRNA Ratio [28s / 18s]: 0.0

RNA Integrity Number (RIN): 1.2 (B.02.11,
Anomaly Threshold(s)
manually adapted)
Result Flagging Color:
Result Flagging Label: RIN: 1.20

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...2020-11-24\Eukaryote Total RNA Nano_2020-11-24_12-22-23.xad

Created: 11/24/2020 12:22:22 PM
Modified: 11/24/2020 1:20:56 PM

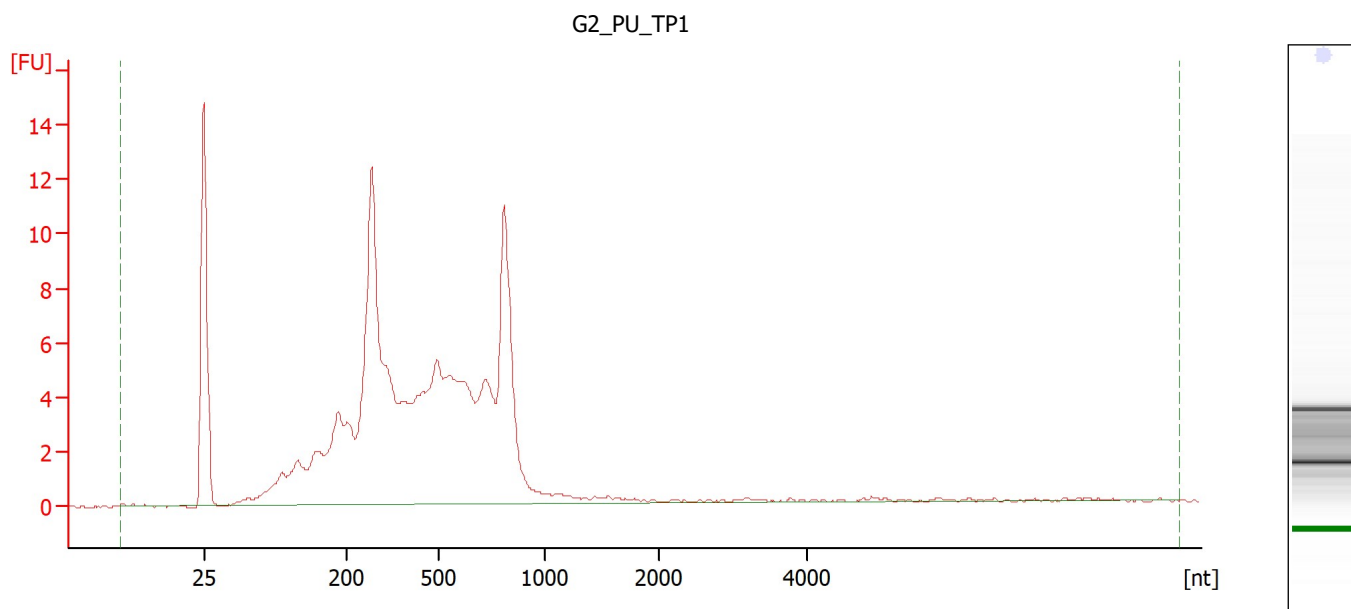
Electropherogram Summary Continued ...**Overall Results for sample 8 : G2_PU_TP1**

RNA Area: 155.9
RNA Concentration: 169 ng/μl
rRNA Ratio [28s / 18s]: 0.0

RNA Integrity Number (RIN): 1.6 (B.02.11,
Anomaly Threshold(s)
manually adapted)
Result Flagging Color:
Result Flagging Label: RIN: 1.60

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...2020-11-24\Eukaryote Total RNA Nano_2020-11-24_12-22-23.xad

Created: 11/24/2020 12:22:22 PM
Modified: 11/24/2020 1:20:56 PM

Electropherogram Summary Continued ...**Overall Results for sample 9 : G2_PU_TP1**

RNA Area: 145.9
RNA Concentration: 158 ng/μl
rRNA Ratio [28s / 18s]: 0.0

RNA Integrity Number (RIN): 1.9 (B.02.11,
Anomaly Threshold(s)
manually adapted)
Result Flagging Color:
Result Flagging Label: RIN: 1.90

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...2020-11-24\Eukaryote Total RNA Nano_2020-11-24_12-22-23.xad

Created: 11/24/2020 12:22:22 PM
Modified: 11/24/2020 1:20:56 PM

Gel Image