

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-05-21\2018-05-21_002.xad

Created: 5/21/2018 2:33:50 PM
Modified: 5/21/2018 2:56:42 PM

Electrophoresis File Run Summary

Instrument Information:

Instrument Name: DE34903152 Firmware: C.01.069
Serial#: DE34903152 Type: G2938C

Assay Information:

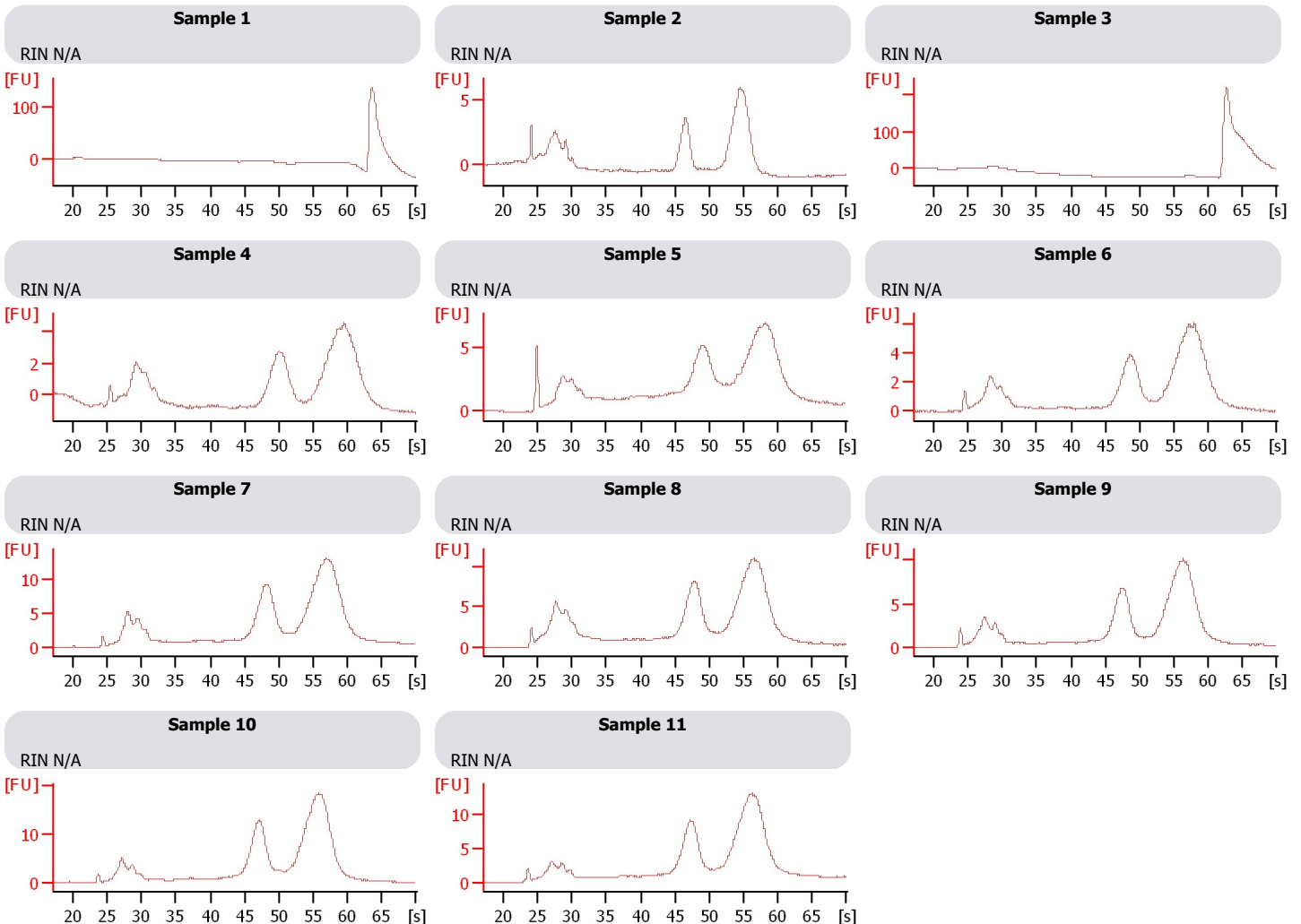
Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\Eukaryote Total RNA Pico Series II.xsy

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:



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Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
Sample 1		✓	RIN N/A	
Sample 2		✓	RIN N/A	
Sample 3		✓	RIN N/A	
Sample 4		✓	RIN N/A	
Sample 5		✓	RIN N/A	
Sample 6		✓	RIN N/A	
Sample 7		✓	RIN N/A	
Sample 8		✓	RIN N/A	
Sample 9		✓	RIN N/A	
Sample 10		✓	RIN N/A	
Sample 11		✓	RIN N/A	
Ladder		✓	All Other Samples	

Chip Lot #

Reagent Kit Lot #

Chip Comments :

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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

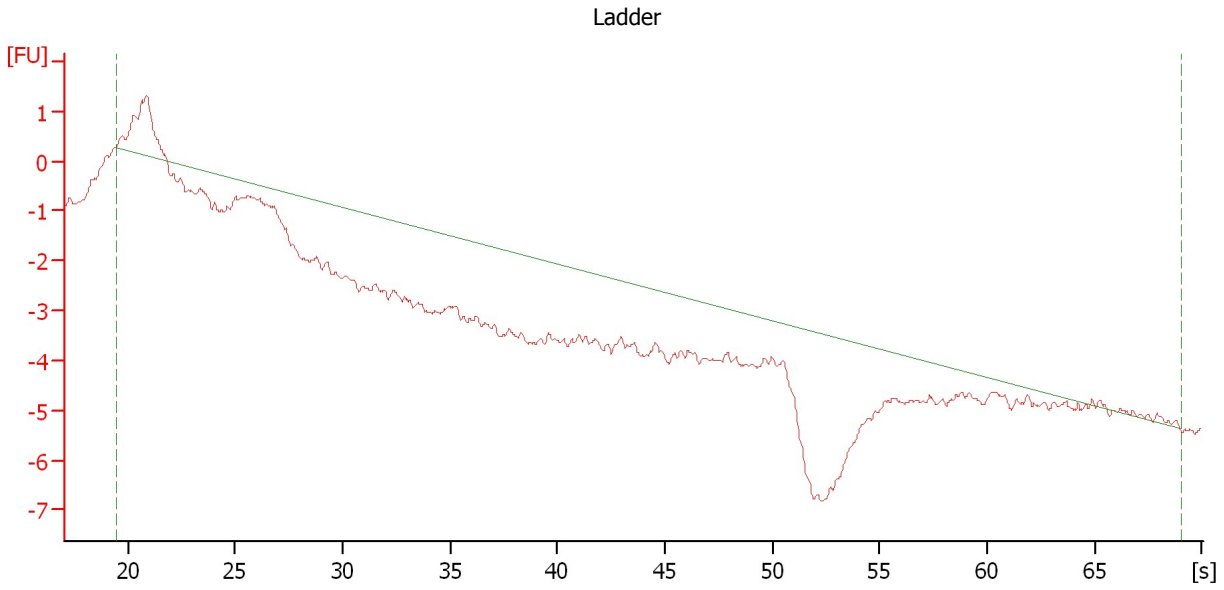
Ladder

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

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Electropherogram Summary



Overall Results for Ladder

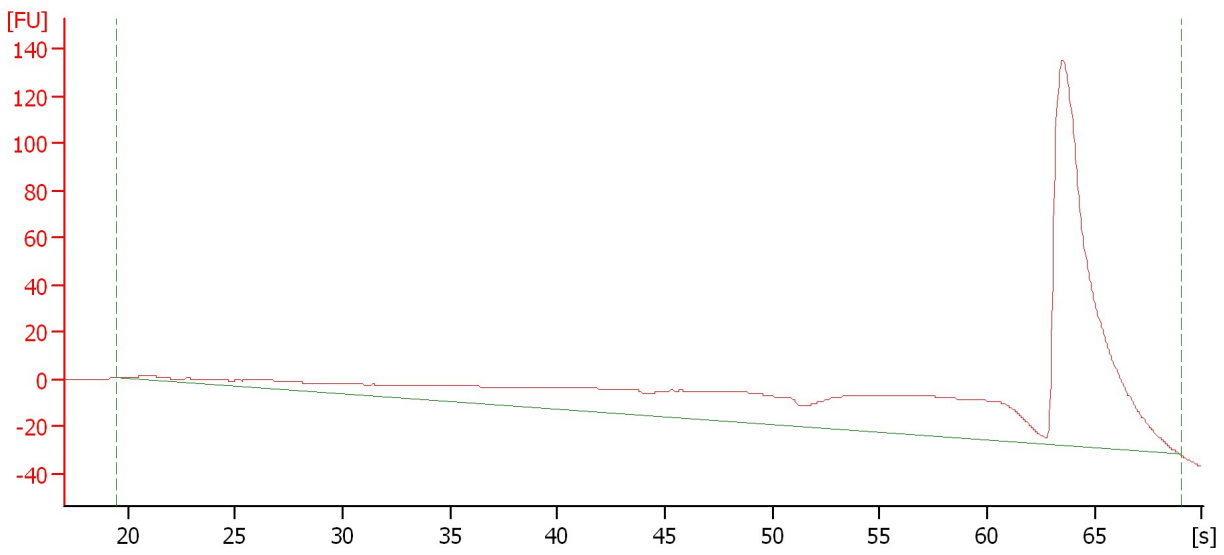
RNA Area:	0.0	Result Flagging Color:	
RNA Concentration:	1,000 pg/μl	Result Flagging Label:	All Other Samples

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Electropherogram Summary Continued ...

Sample 1



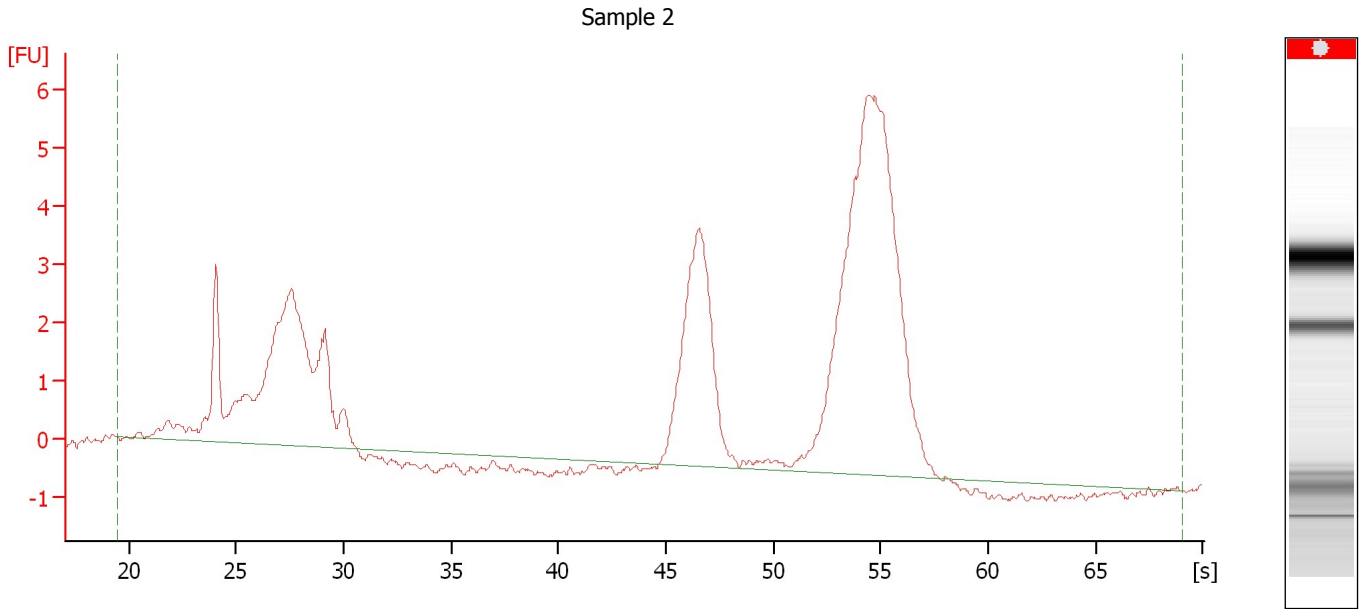
Overall Results for sample 1 : Sample 1

RNA Area: 0.0 Result Flagging Label: RIN N/A
Result Flagging Color:

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Modified: 5/21/2018 2:56:42 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : Sample 2

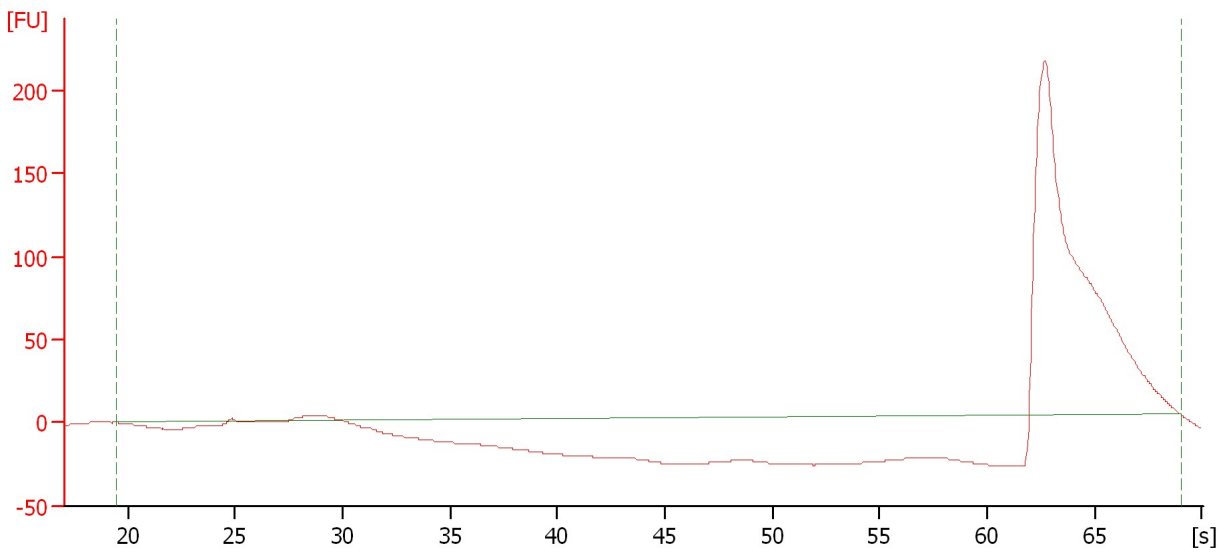
RNA Area: 0.0 Result Flagging Label: RIN N/A
Result Flagging Color:

Assay Class: Eukaryote Total RNA Pico
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Modified: 5/21/2018 2:56:42 PM

Electropherogram Summary Continued ...

Sample 3



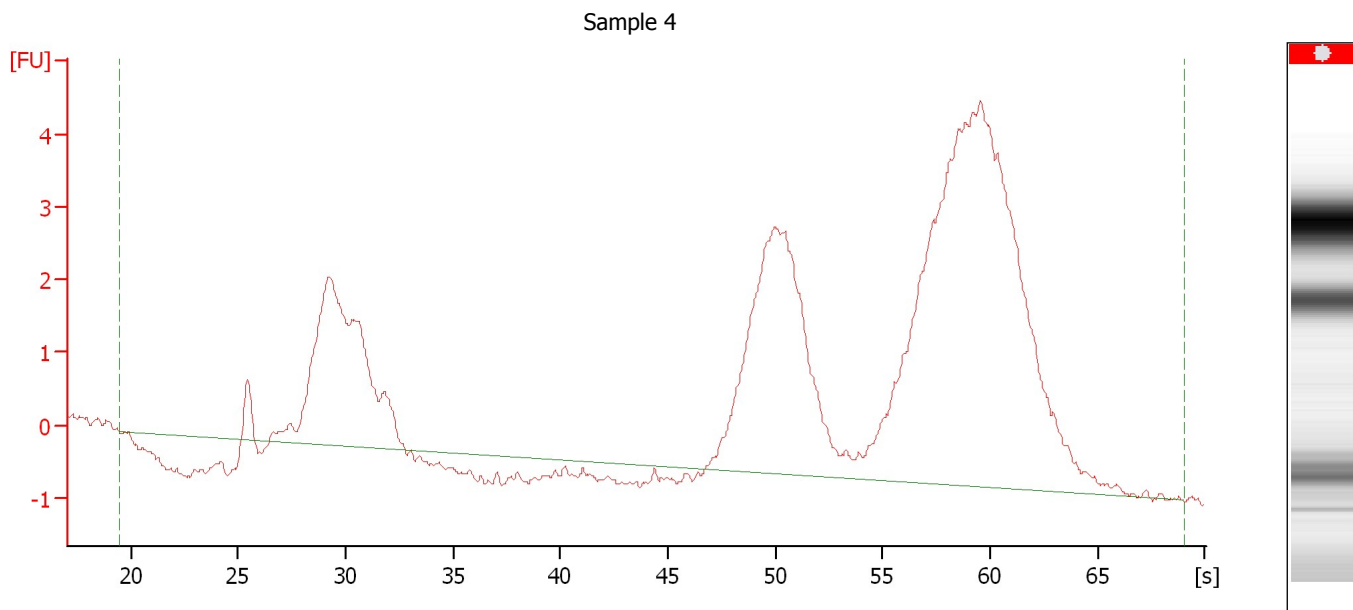
Overall Results for sample 3 : Sample 3

RNA Area: 0.0 Result Flagging Label: RIN N/A
Result Flagging Color:

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Electropherogram Summary Continued ...



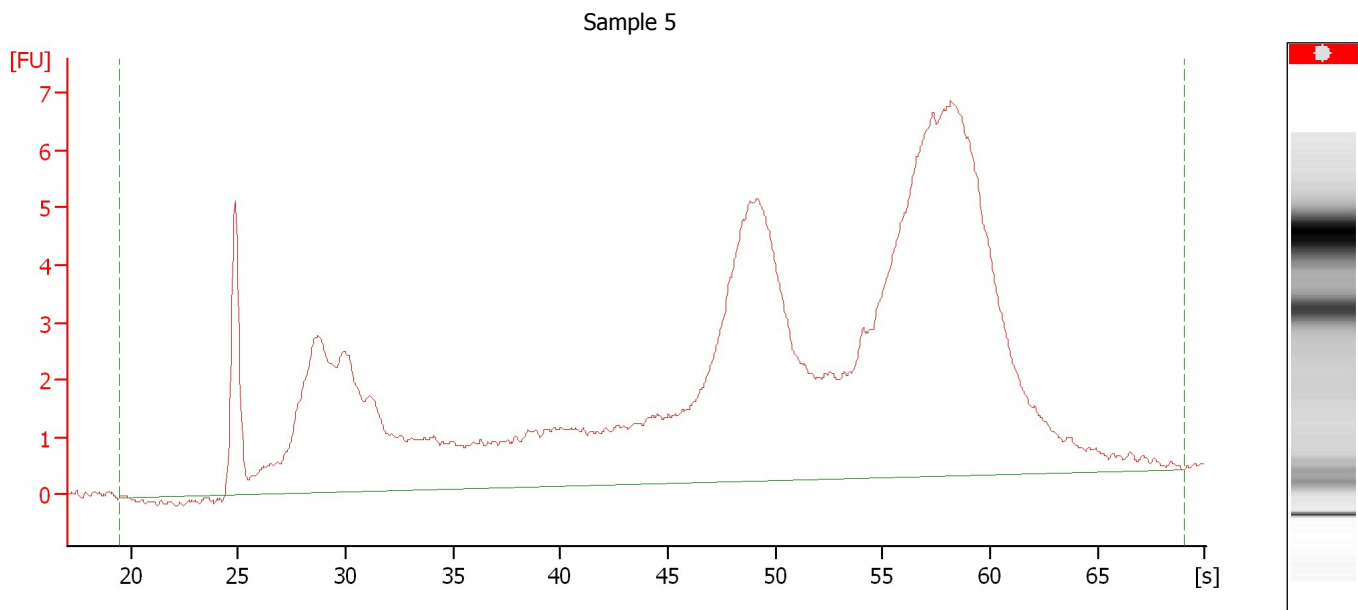
Overall Results for sample 4 : Sample 4

RNA Area: 0.0 Result Flagging Label: RIN N/A
Result Flagging Color:

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Electropherogram Summary Continued ...



Overall Results for sample 5 : Sample 5

RNA Area: 0.0

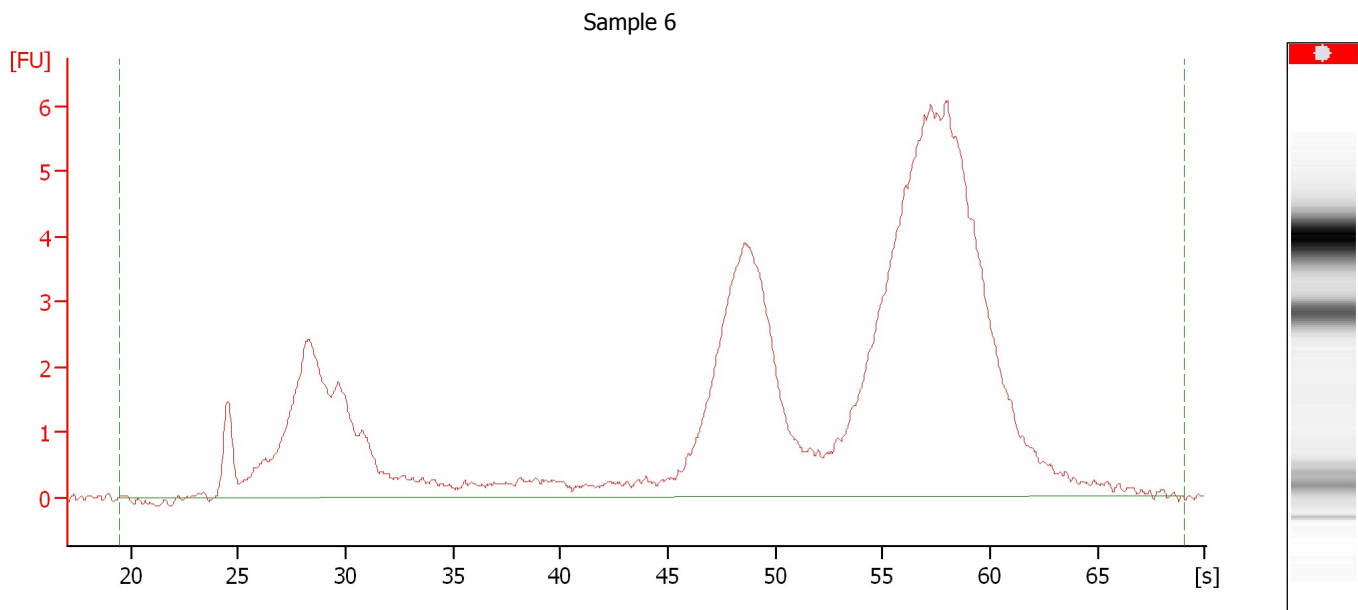
Result Flagging Label: RIN N/A

Result Flagging Color:

Assay Class: Eukaryote Total RNA Pico
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Electropherogram Summary Continued ...



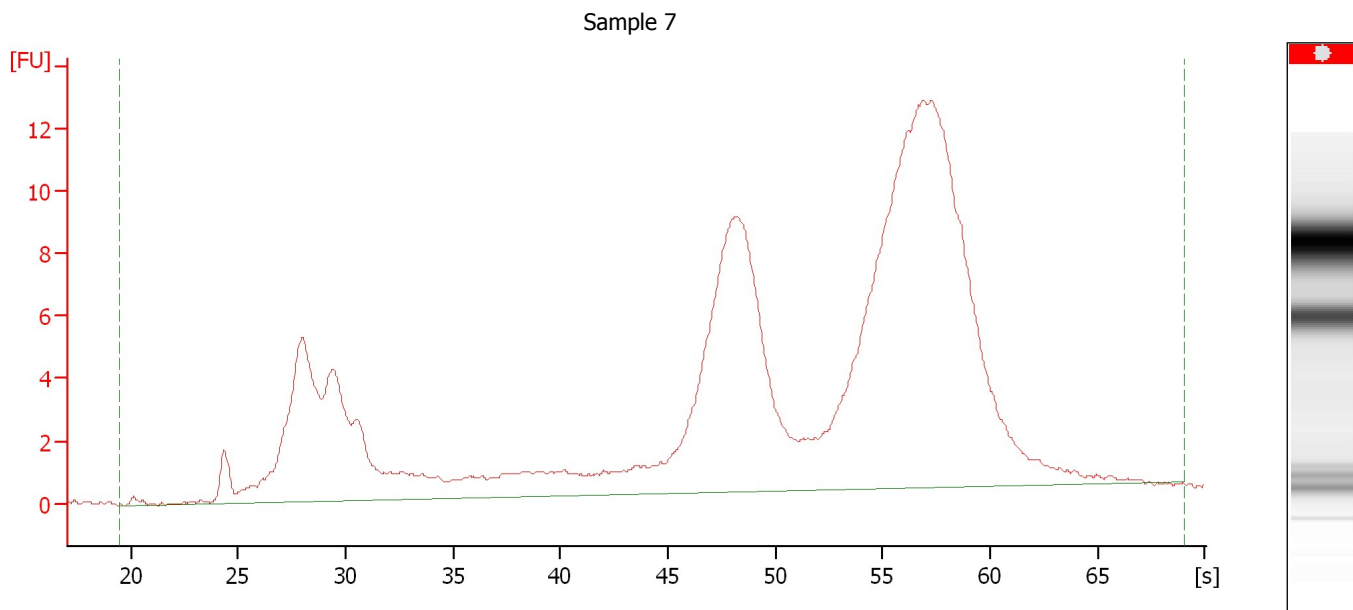
Overall Results for sample 6 : Sample 6

RNA Area: 0.0 Result Flagging Label: RIN N/A
Result Flagging Color:

Assay Class: Eukaryote Total RNA Pico
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Electropherogram Summary Continued ...



Overall Results for sample 7 : Sample 7

RNA Area: 0.0

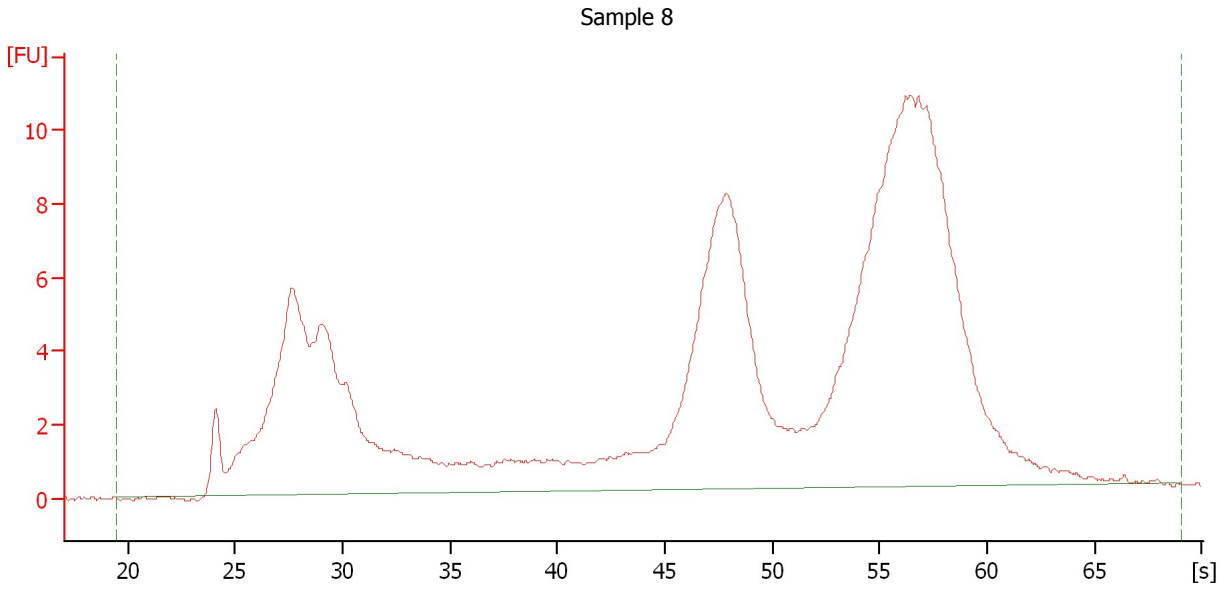
Result Flagging Label: RIN N/A

Result Flagging Color:

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Electropherogram Summary Continued ...



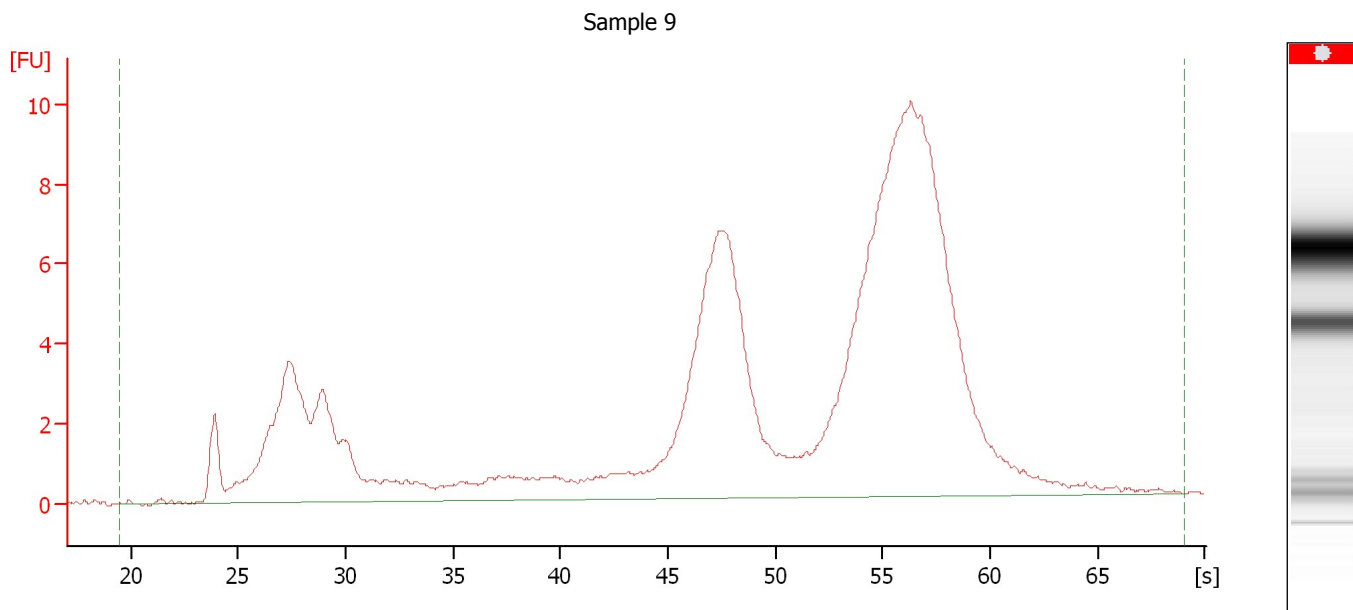
Overall Results for sample 8 : Sample 8

RNA Area: 0.0 Result Flagging Label: RIN N/A
Result Flagging Color:

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Electropherogram Summary Continued ...



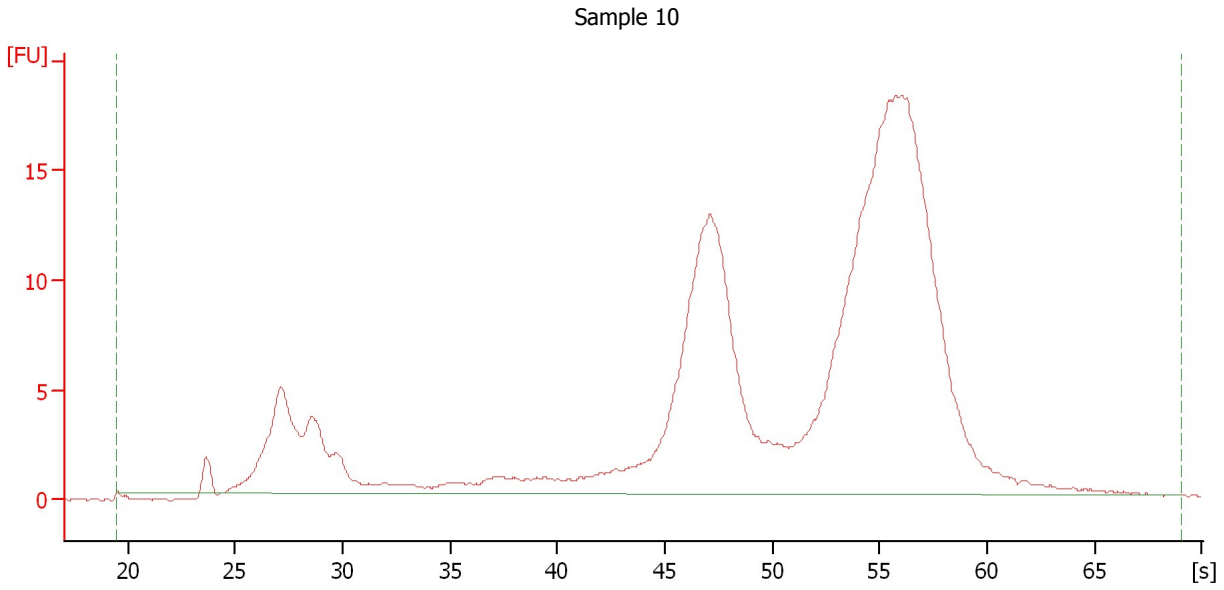
Overall Results for sample 9 : Sample 9

RNA Area: 0.0 Result Flagging Label: RIN N/A
Result Flagging Color:

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Electropherogram Summary Continued ...



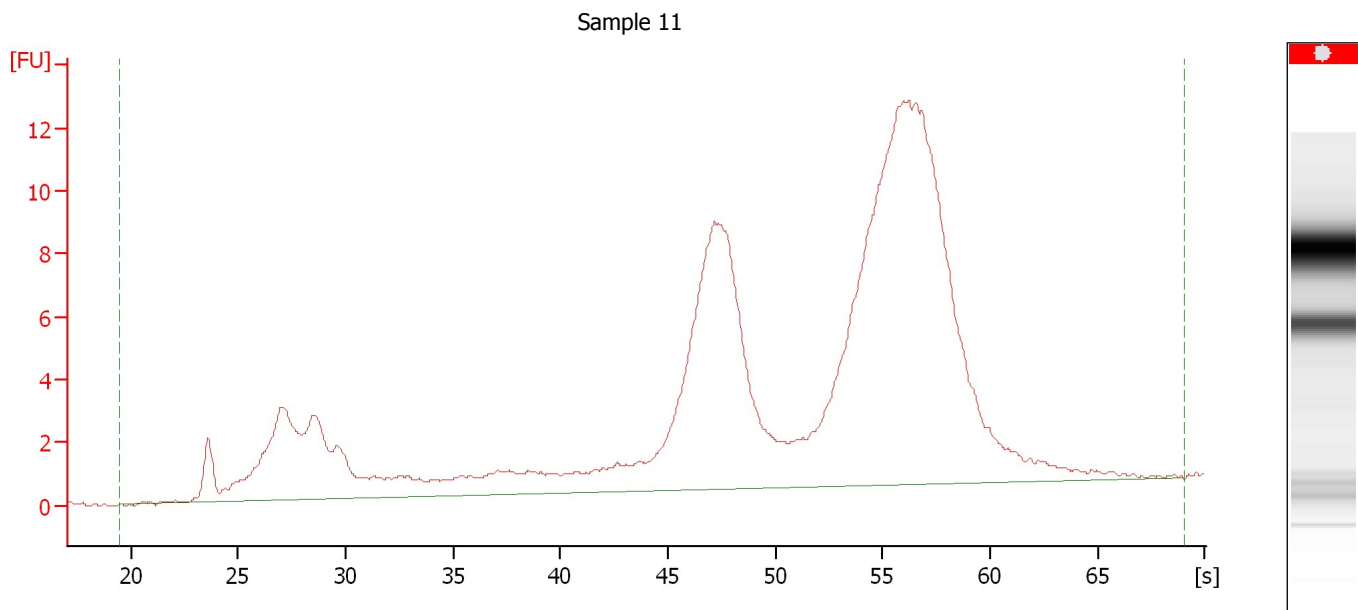
Overall Results for sample 10 : Sample 10

RNA Area: 0.0 Result Flagging Label: RIN N/A
Result Flagging Color:

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Created: 5/21/2018 2:33:50 PM
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Electropherogram Summary Continued ...



Overall Results for sample 11 : Sample 11

RNA Area: 0.0 Result Flagging Label: RIN N/A
Result Flagging Color:

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