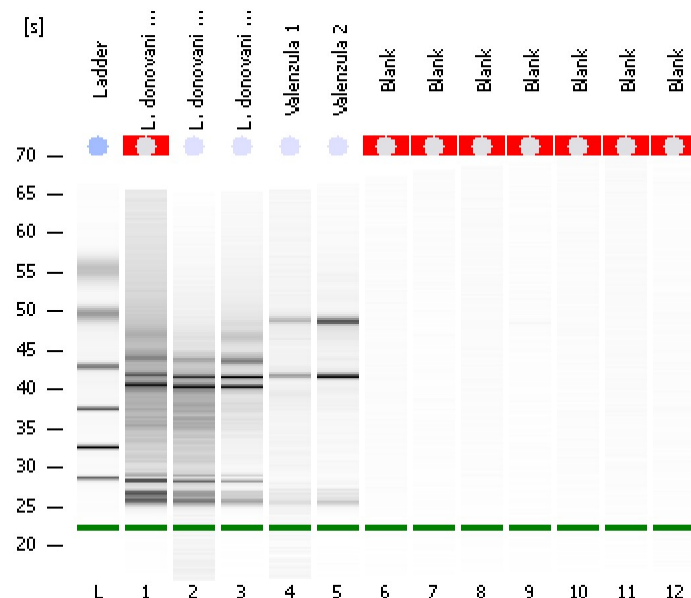


Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...Eukaryote Total RNA Nano_DE34903145_2013-04-19_13-45-12.xad

Created: 4/19/2013 1:45:12 PM
Modified: 4/19/2013 2:09:15 PM

Electrophoresis File Run Summary



Instrument Information:

Instrument Name: DE34903145
Serial#: DE34903145

Firmware: C.01.069
Type: G2938C

Assay Information:

Assay Origin Path: C:\Program Files\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:

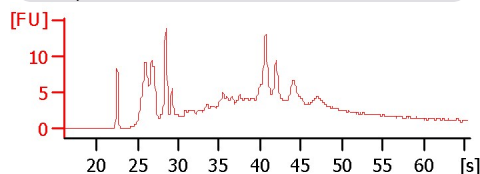
Chip Lot #:

Reagent Kit Lot #:

Chip Comments:

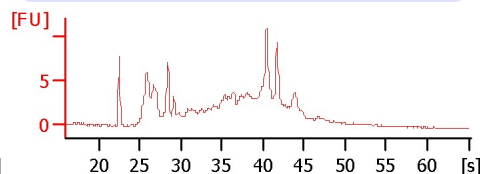
L. donovani 0 min

RIN N/A



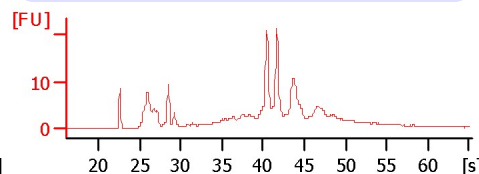
L. donovani 15 min

RIN:4



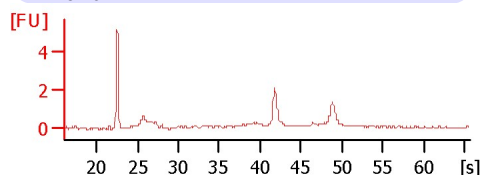
L. donovani 30 min

RIN: 5.50



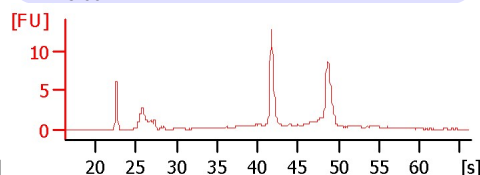
Valenzula 1

RIN: 8.20



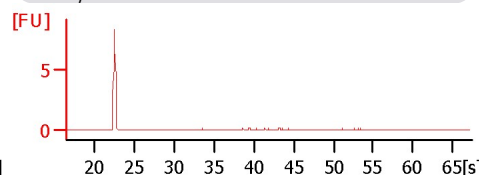
Valenzula 2

RIN: 8.60



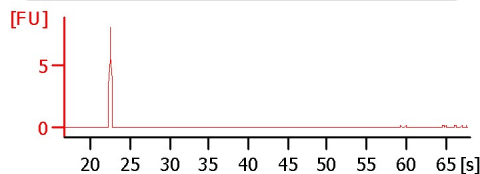
Blank

RIN N/A



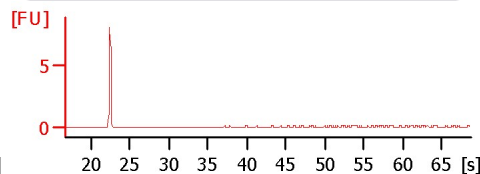
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RIN N/A



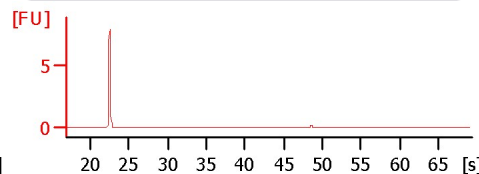
Blank

RIN N/A



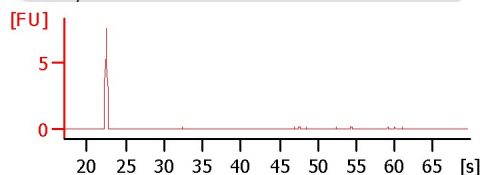
Blank

RIN N/A



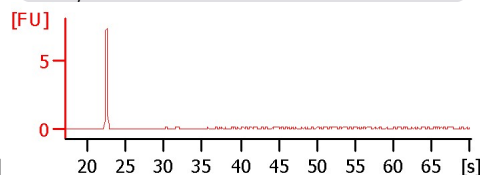
Blank

RIN N/A



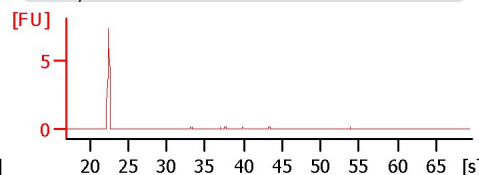
Blank

RIN N/A



Blank

RIN N/A



Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...Eukaryote Total RNA Nano_DE34903145_2013-04-19_13-45-12.xad

Created: 4/19/2013 1:45:12 PM
Modified: 4/19/2013 2:09:15 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
L. donovani 0 min		✓	RIN N/A	
L. donovani 15 min		✓	RIN:4	
L. donovani 30 min		✓	RIN: 5.50	
Valenzula 1		✓	RIN: 8.20	
Valenzula 2		✓	RIN: 8.60	
Blank		✓	RIN N/A	
Blank		✓	RIN N/A	
Blank		✓	RIN N/A	
Blank		✓	RIN N/A	
Blank		✓	RIN N/A	
Blank		✓	RIN N/A	
Blank		✓	RIN N/A	
Ladder		✓	All Other Samples	

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

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...Eukaryote Total RNA Nano_DE34903145_2013-04-19_13-45-12.xad

Created: 4/19/2013 1:45:12 PM
Modified: 4/19/2013 2:09:15 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

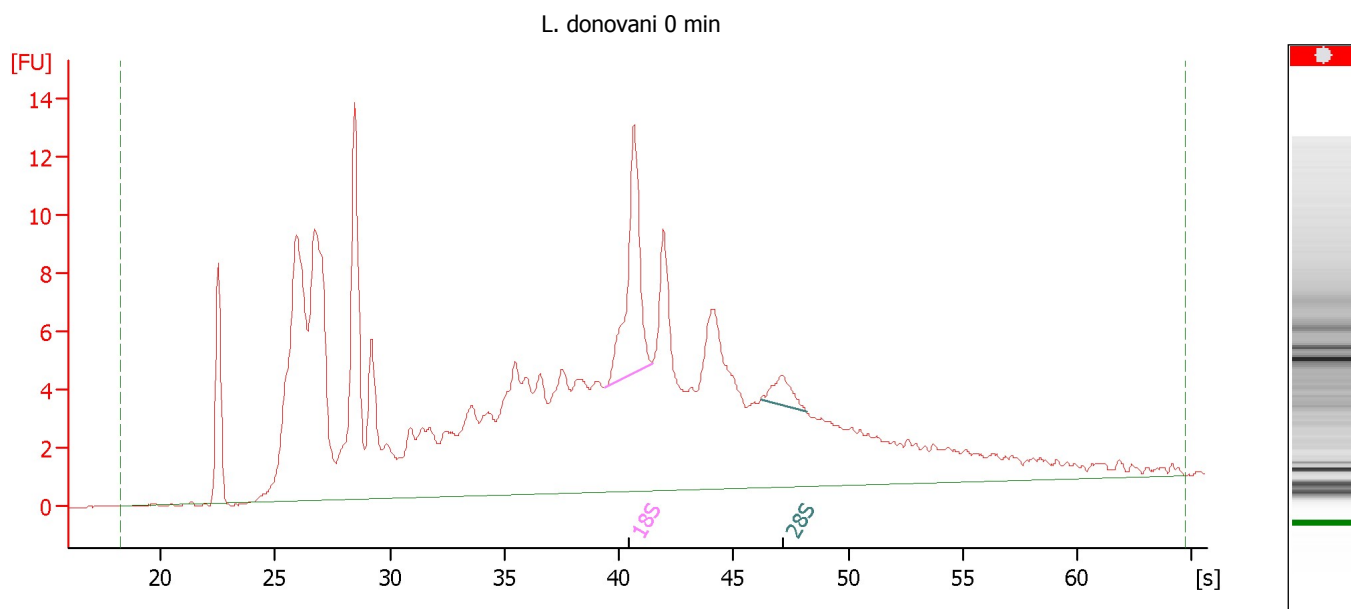
Ladder

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

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...Eukaryote Total RNA Nano_DE34903145_2013-04-19_13-45-12.xad

Created: 4/19/2013 1:45:12 PM
Modified: 4/19/2013 2:09:15 PM

Electropherogram Summary



Overall Results for sample 1 : L. donovani 0 min

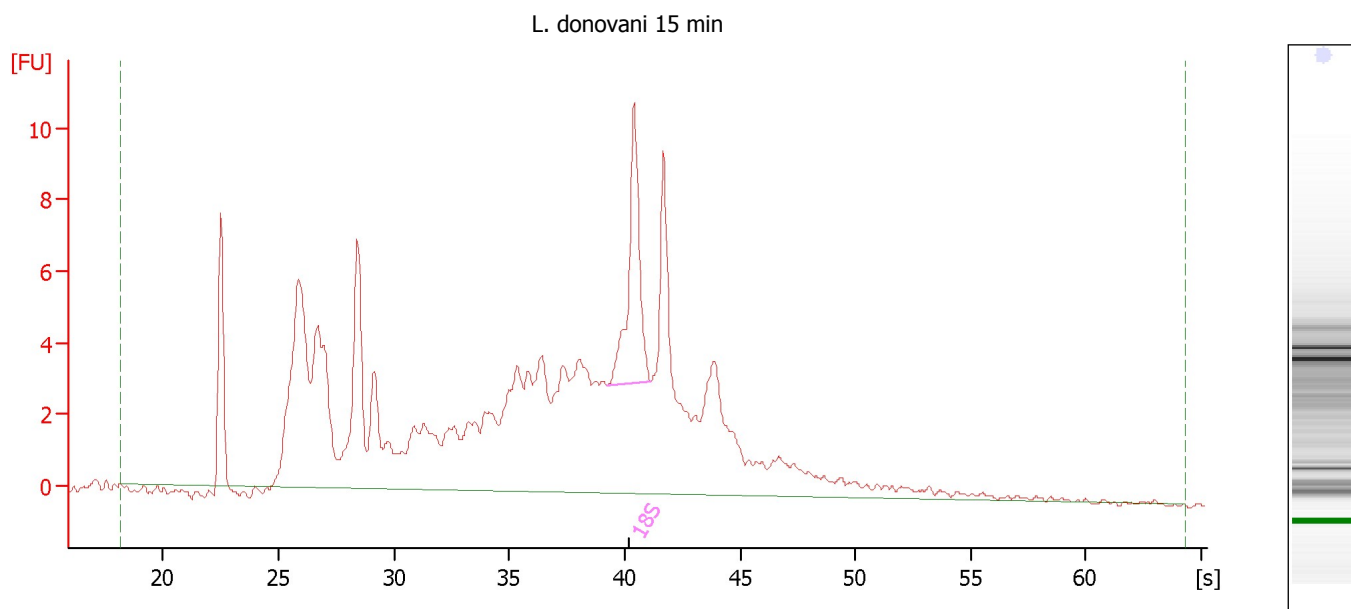
RNA Area:	295.2	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	219 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.2	Result Flagging Label:	RIN N/A

Fragment table for sample 1 : L. donovani 0 min

Name	Start Time [s]	End Time [s]	Area	% of total Area
18S	39.42	41.44	12.7	4.3
28S	46.17	48.19	2.1	0.7

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...Eukaryote Total RNA Nano_DE34903145_2013-04-19_13-45-12.xad

Created: 4/19/2013 1:45:12 PM
Modified: 4/19/2013 2:09:15 PM

Electropherogram Summary Continued ...**Overall Results for sample 2 : L. donovani 15 min**

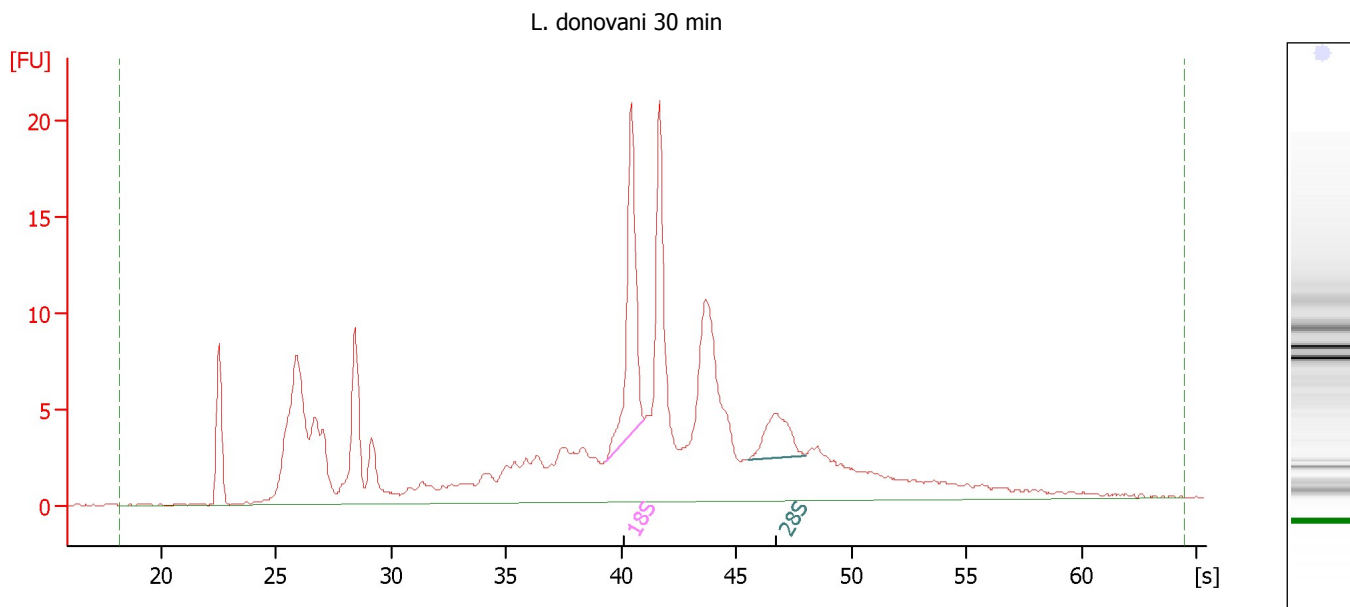
RNA Area:	176.7	RNA Integrity Number (RIN):	4 (B.02.08)
RNA Concentration:	131 ng/μl	Result Flagging Color:	<div style="background-color: #ccccff; width: 30px; height: 15px; display: inline-block;"></div>
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN:4

Fragment table for sample 2 : L. donovani 15 min

Name	Start Time [s]	End Time [s]	Area	% of total Area
18S	39.22	41.13	10.2	5.8

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...Eukaryote Total RNA Nano_DE34903145_2013-04-19_13-45-12.xad

Created: 4/19/2013 1:45:12 PM
Modified: 4/19/2013 2:09:15 PM

Electropherogram Summary Continued ...**Overall Results for sample 3 : L. donovani 30 min**

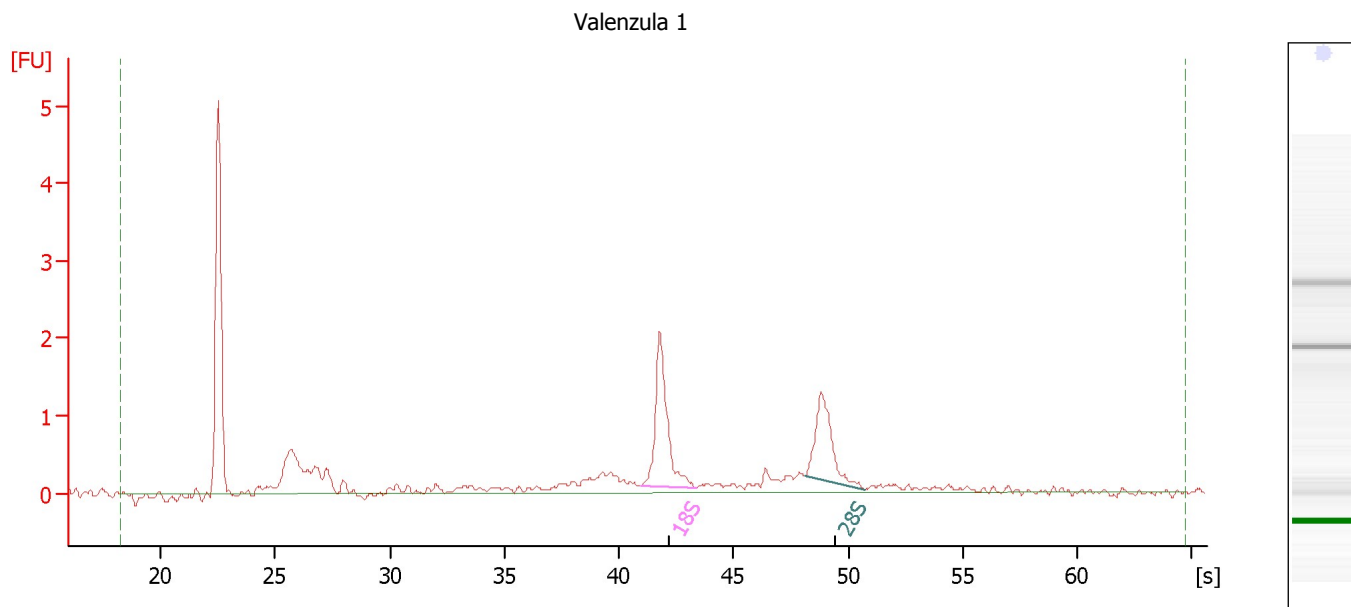
RNA Area:	233.6	RNA Integrity Number (RIN):	5.5 (B.02.08)
RNA Concentration:	173 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.3	Result Flagging Label:	RIN: 5.50

Fragment table for sample 3 : L. donovani 30 min

Name	Start Time [s]	End Time [s]	Area	% of total Area
18S	39.30	40.99	18.7	8.0
28S	45.47	47.99	6.3	2.7

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...Eukaryote Total RNA Nano_DE34903145_2013-04-19_13-45-12.xad

Created: 4/19/2013 1:45:12 PM
Modified: 4/19/2013 2:09:15 PM

Electropherogram Summary Continued ...**Overall Results for sample 4 : Valenzula 1**

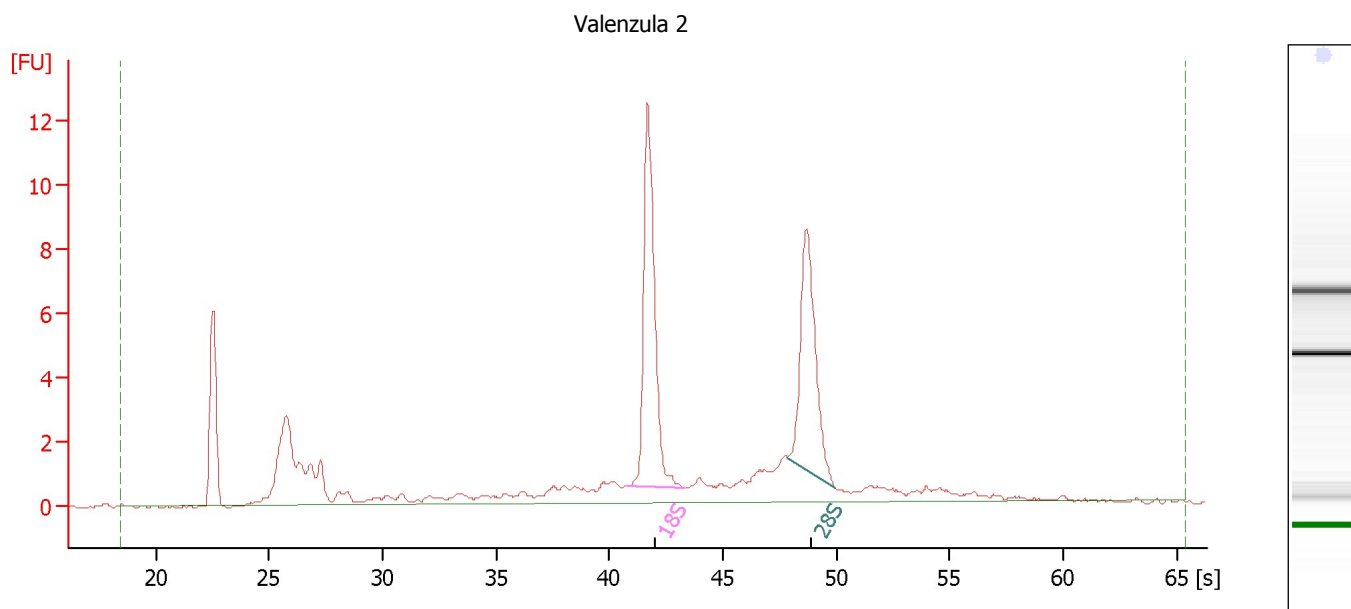
RNA Area:	14.8	RNA Integrity Number (RIN):	8.2 (B.02.08)
RNA Concentration:	11 ng/μl	Result Flagging Color:	<div style="background-color: #ccccff; width: 30px; height: 15px; display: inline-block;"></div>
rRNA Ratio [28s / 18s]:	0.7	Result Flagging Label:	RIN: 8.20

Fragment table for sample 4 : Valenzula 1

Name	Start Time [s]	End Time [s]	Area	% of total Area
18S	40.97	43.41	2.9	19.6
28S	48.09	50.72	1.9	12.9

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...Eukaryote Total RNA Nano_DE34903145_2013-04-19_13-45-12.xad

Created: 4/19/2013 1:45:12 PM
Modified: 4/19/2013 2:09:15 PM

Electropherogram Summary Continued ...**Overall Results for sample 5 : Valenzula 2**

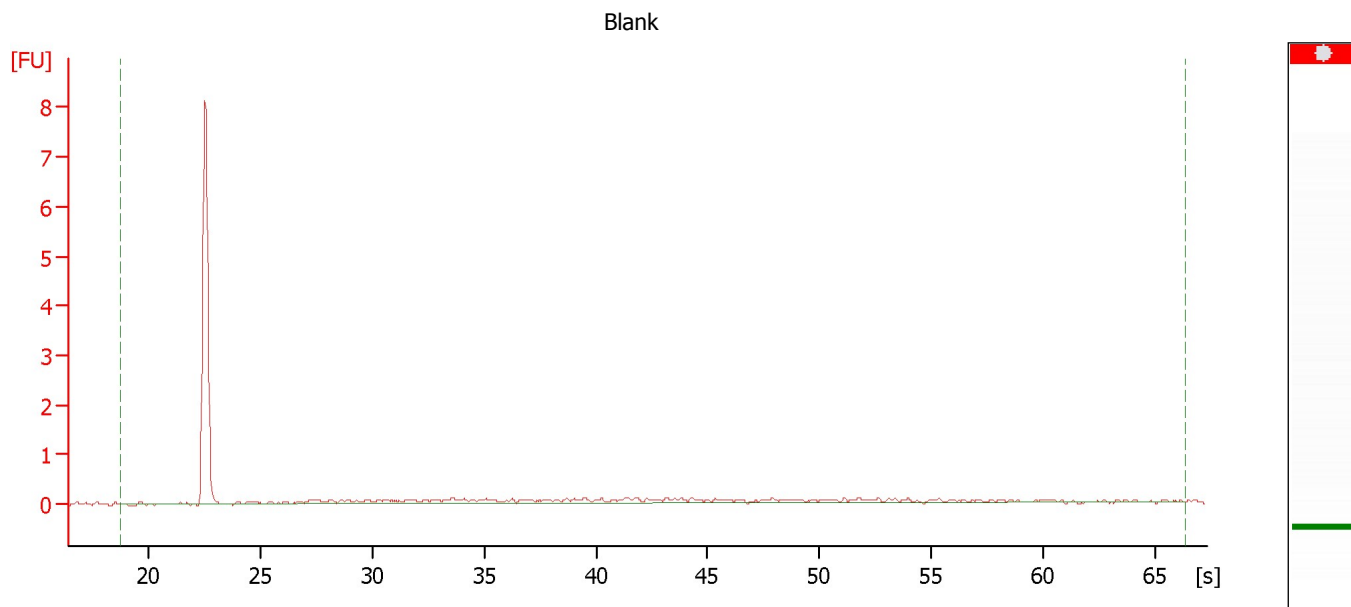
RNA Area:	70.7	RNA Integrity Number (RIN):	8.6 (B.02.08)
RNA Concentration:	52 ng/μl	Result Flagging Color:	<div style="background-color: #ccccff; width: 30px; height: 15px; display: inline-block;"></div>
rRNA Ratio [28s / 18s]:	0.8	Result Flagging Label:	RIN: 8.60

Fragment table for sample 5 : Valenzula 2

Name	Start Time [s]	End Time [s]	Area	% of total Area
18S	40.78	43.29	15.8	22.4
28S	47.84	49.97	11.9	16.8

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...Eukaryote Total RNA Nano_DE34903145_2013-04-19_13-45-12.xad

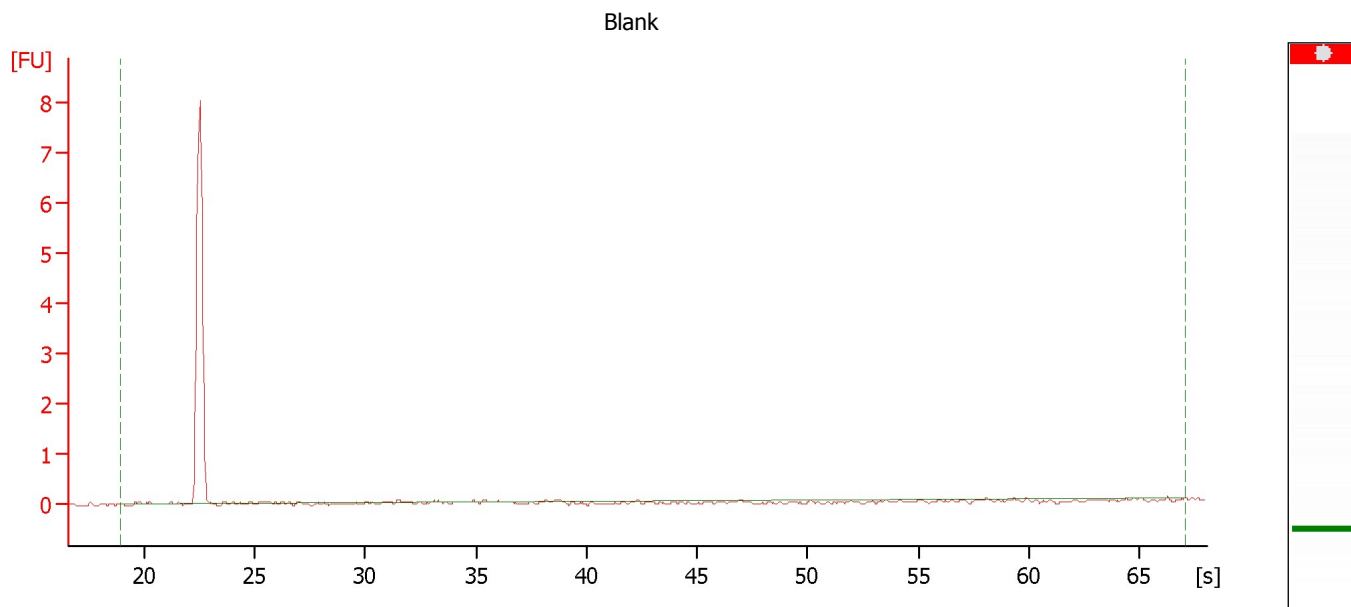
Created: 4/19/2013 1:45:12 PM
Modified: 4/19/2013 2:09:15 PM

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

RNA Area:	5.5	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	4 ng/μl	Result Flagging Color:	<div style="background-color: #cccccc; width: 30px; height: 15px; display: inline-block;"></div>
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...Eukaryote Total RNA Nano_DE34903145_2013-04-19_13-45-12.xad

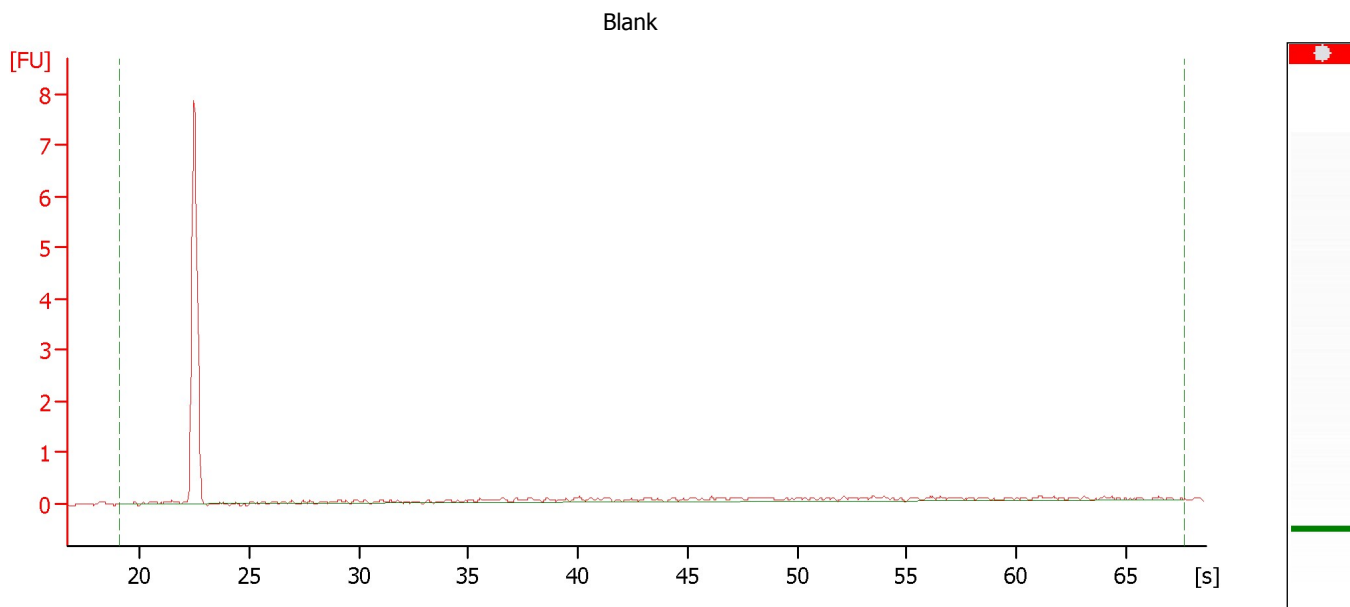
Created: 4/19/2013 1:45:12 PM
Modified: 4/19/2013 2:09:15 PM

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

RNA Area:	0.5	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	0 ng/μl	Result Flagging Color:	<div style="background-color: #cccccc; width: 30px; height: 15px; display: inline-block;"></div>
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...Eukaryote Total RNA Nano_DE34903145_2013-04-19_13-45-12.xad

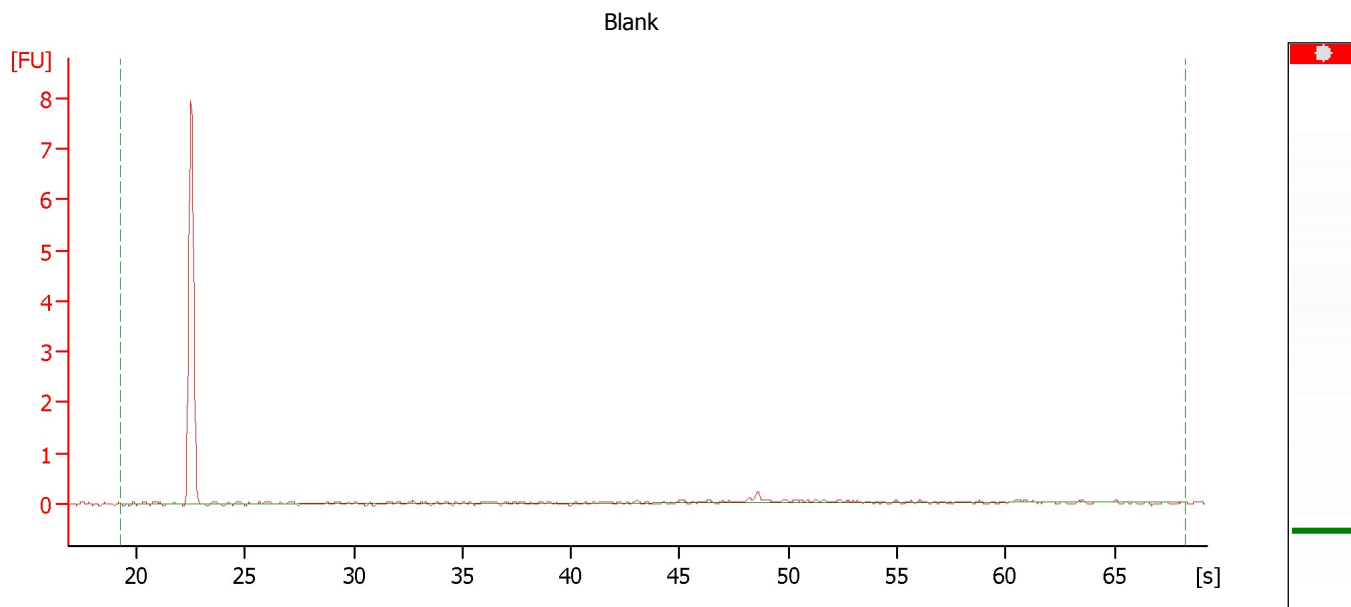
Created: 4/19/2013 1:45:12 PM
Modified: 4/19/2013 2:09:15 PM

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

RNA Area:	3.0	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	2 ng/ μ l	Result Flagging Color:	<div style="background-color: #cccccc; width: 30px; height: 15px; display: inline-block;"></div>
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...Eukaryote Total RNA Nano_DE34903145_2013-04-19_13-45-12.xad

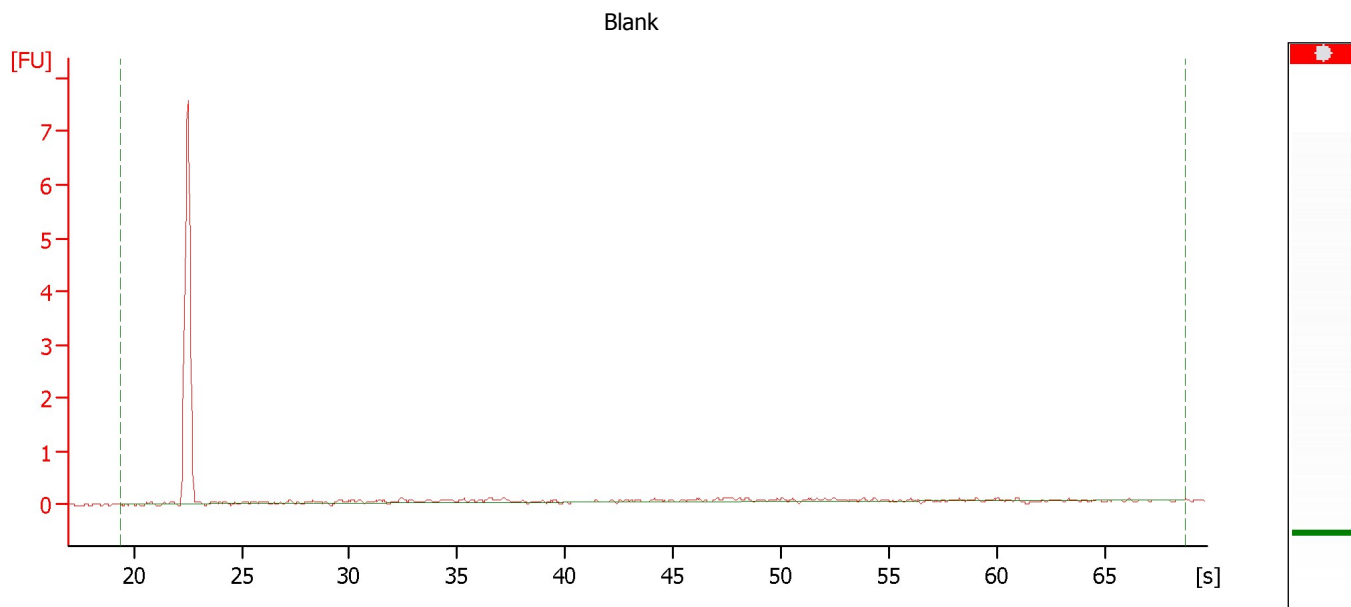
Created: 4/19/2013 1:45:12 PM
Modified: 4/19/2013 2:09:15 PM

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

RNA Area:	0.6	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	0 ng/ μ l	Result Flagging Color:	<div style="background-color: #cccccc; width: 30px; height: 15px; display: inline-block;"></div>
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...Eukaryote Total RNA Nano_DE34903145_2013-04-19_13-45-12.xad

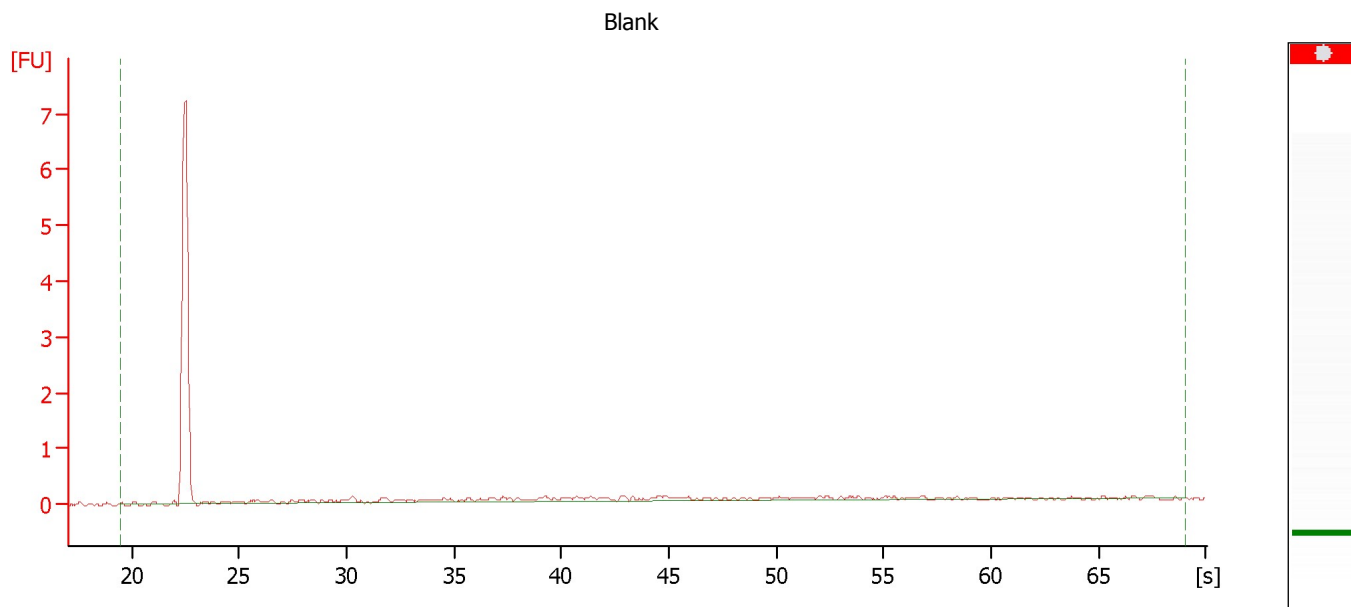
Created: 4/19/2013 1:45:12 PM
Modified: 4/19/2013 2:09:15 PM

Electropherogram Summary Continued ...**Overall Results for sample 10 : Blank**

RNA Area:	3.4	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	3 ng/ μ l	Result Flagging Color:	<div style="background-color: #cccccc; width: 50px; height: 15px;"></div>
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...Eukaryote Total RNA Nano_DE34903145_2013-04-19_13-45-12.xad

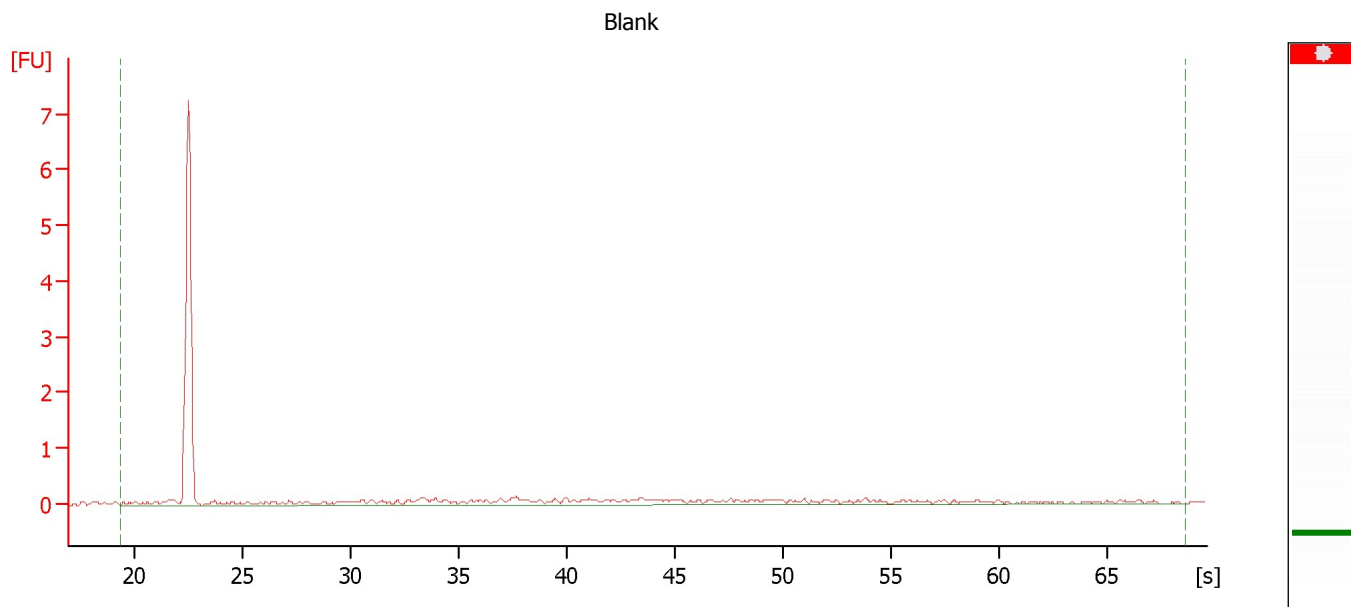
Created: 4/19/2013 1:45:12 PM
Modified: 4/19/2013 2:09:15 PM

Electropherogram Summary Continued ...**Overall Results for sample 11 : Blank**

RNA Area:	3.4	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	3 ng/ μ l	Result Flagging Color:	<div style="background-color: #cccccc; width: 30px; height: 15px; display: inline-block;"></div>
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...Eukaryote Total RNA Nano_DE34903145_2013-04-19_13-45-12.xad

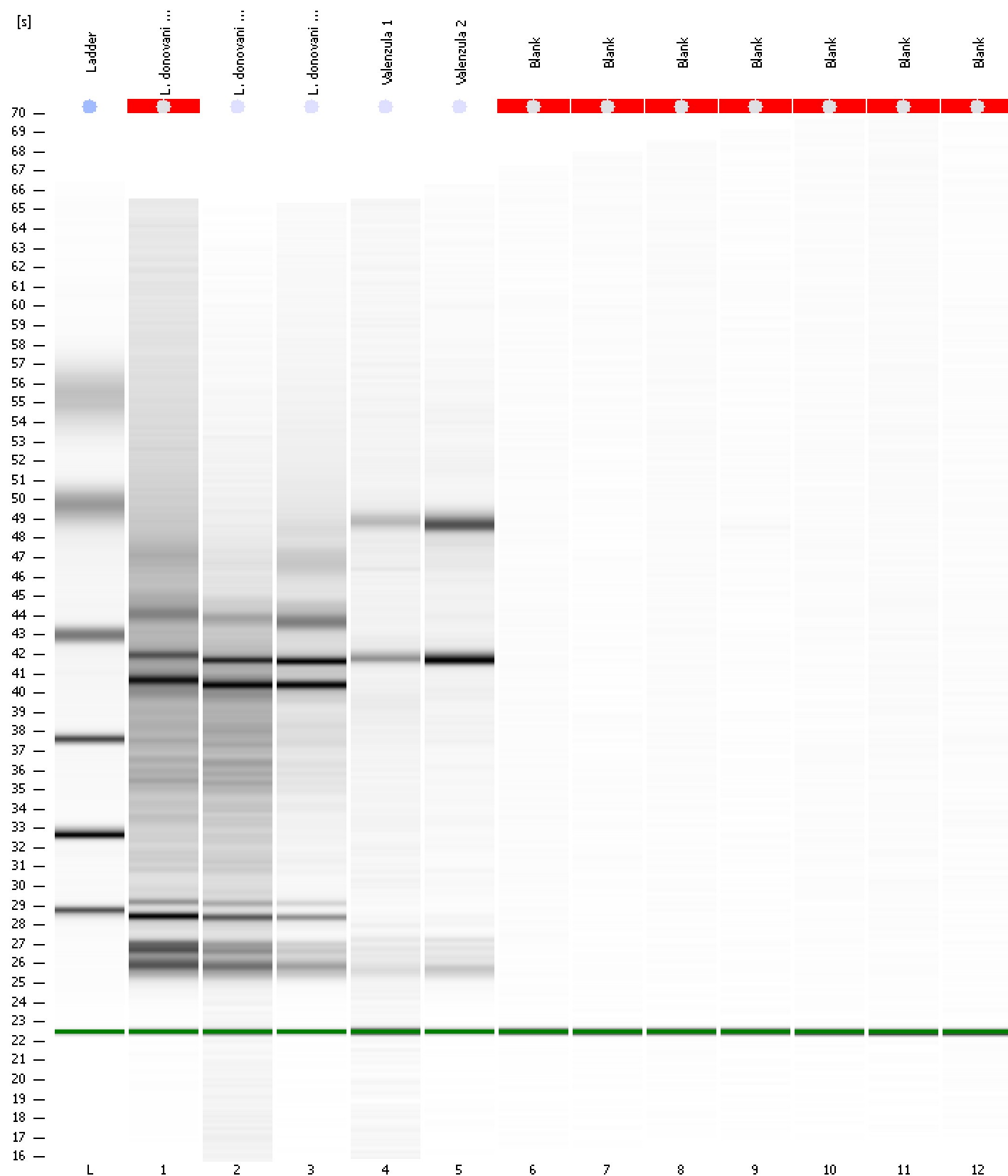
Created: 4/19/2013 1:45:12 PM
Modified: 4/19/2013 2:09:15 PM

Electropherogram Summary Continued ...**Overall Results for sample 12 : Blank**

RNA Area:	7.5	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	6 ng/μl	Result Flagging Color:	<div style="background-color: #cccccc; width: 30px; height: 15px; display: inline-block;"></div>
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...Eukaryote Total RNA Nano_DE34903145_2013-04-19_13-45-12.xad

Created: 4/19/2013 1:45:12 PM
Modified: 4/19/2013 2:09:15 PM

Gel Image

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...Eukaryote Total RNA Nano_DE34903145_2013-04-19_13-45-12.xad

Created: 4/19/2013 1:45:12 PM
Modified: 4/19/2013 2:09:15 PM

Curves

Standard Curve

