

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2011-01-05_13-25-47.xad

Created: 1/5/2011 1:25:47 PM
Modified: 1/5/2011 1:39:02 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

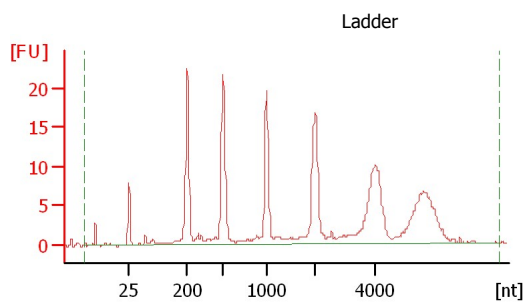
Ladder

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

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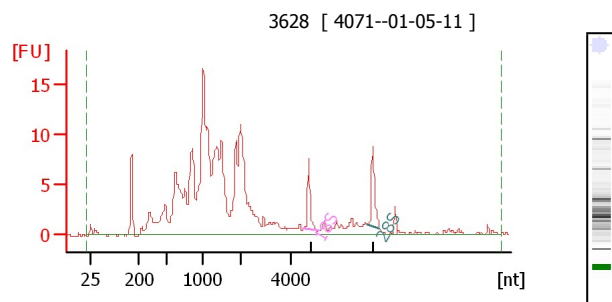
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Electropherogram Summary



Overall Results for Ladder

RNA Area: 219.8
RNA Concentration: 150 ng/μl
Result Flagging Color:
Result Flagging Label: All Other Samples



Overall Results for sample 1 : 3628

RNA Area: 242.1
RNA Concentration: 165 ng/μl
rRNA Ratio [28s / 18s]: 1.2
RNA Integrity Number (RIN): 5.5 (B.02.07)
Result Flagging Color:
Result Flagging Label: RIN: 5.50

Fragment table for sample 1 : 3628

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	4,554	5,149	5.6	2.3
28S	7,195	7,678	6.6	2.7

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Gel Image