

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2010-11-12_15-36-15.xad

Created: 11/12/2010 3:36:15 PM
Modified: 1/20/2011 1:01:40 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

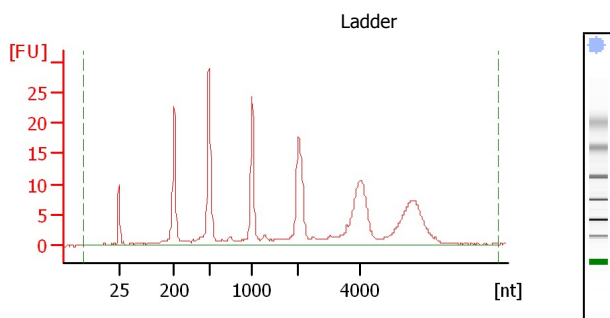
Ladder

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

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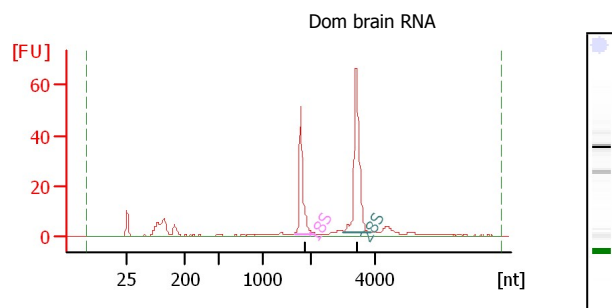
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Electropherogram Summary



Overall Results for Ladder

RNA Area: 262.8
 RNA Concentration: 150 ng/μl
 Result Flagging Color:
 Result Flagging Label: All Other Samples

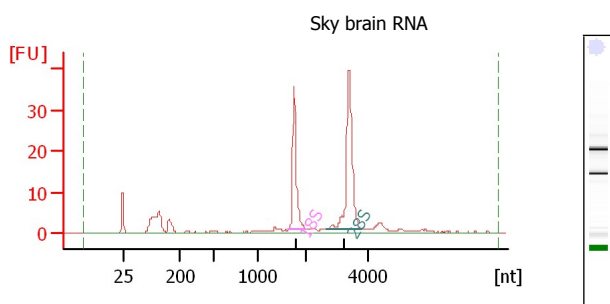


Overall Results for sample 4 : Dom brain RNA

RNA Area: 240.8
 RNA Concentration: 137 ng/μl
 rRNA Ratio [28s / 18s]: 1.7
 RNA Integrity Number (RIN): 10 (B.02.07)
 Result Flagging Color:
 Result Flagging Label: RIN:10

Fragment table for sample 4 : Dom brain RNA

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,641	2,136	53.8	22.4
28S	3,017	3,913	89.4	37.1



Overall Results for sample 5 : Sky brain RNA

RNA Area: 167.0
 RNA Concentration: 95 ng/μl
 rRNA Ratio [28s / 18s]: 1.7
 RNA Integrity Number (RIN): 9.8 (B.02.07)
 Result Flagging Color:
 Result Flagging Label: RIN: 9.80

Fragment table for sample 5 : Sky brain RNA

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,627	2,025	36.5	21.9
28S	2,670	3,800	60.4	36.2