

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: 11/15/2010 12:08:23 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

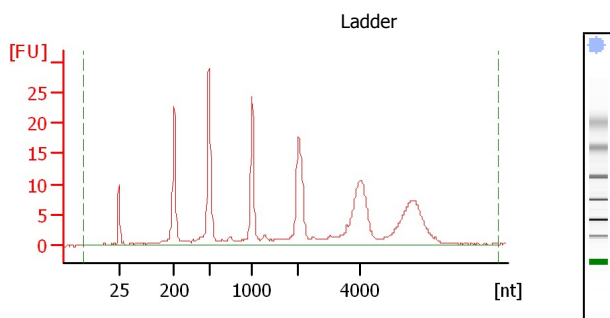
Ladder

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

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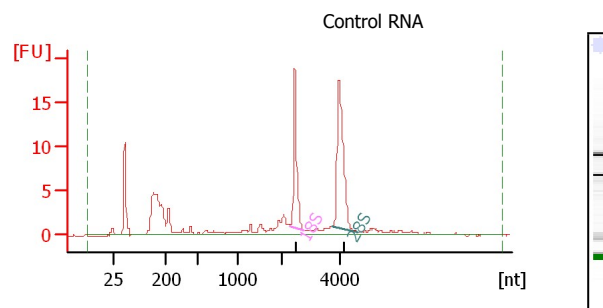
Created: 11/12/2010 3:36:15 PM
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Electropherogram Summary



Overall Results for Ladder

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

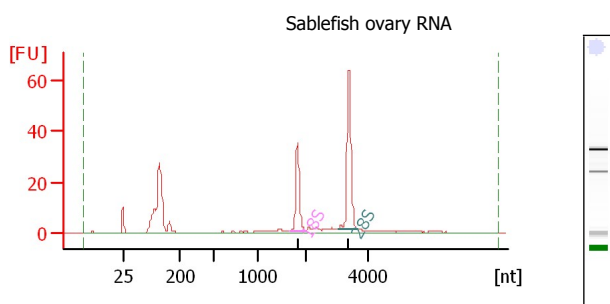


Overall Results for sample 1 : Control RNA

RNA Area: 120.9
 RNA Concentration: 69 ng/μl
 rRNA Ratio [28s / 18s]: 1.6
 RNA Integrity Number (RIN): 7.9 (B.02.07)
 Result Flagging Color:
 Result Flagging Label: RIN: 7.90

Fragment table for sample 1 : Control RNA

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	2,238	2,759	17.6	14.5
28S	3,699	4,610	29.0	24.0

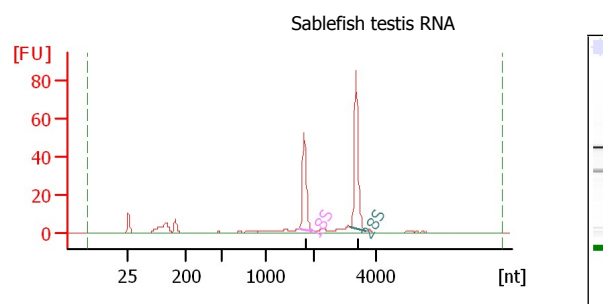


Overall Results for sample 2 : Sablefish ovary RNA

RNA Area: 258.7
 RNA Concentration: 148 ng/μl
 rRNA Ratio [28s / 18s]: 1.7
 RNA Integrity Number (RIN): 9.4 (B.02.07)
 Result Flagging Color:
 Result Flagging Label: RIN: 9.40

Fragment table for sample 2 : Sablefish ovary RNA

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,654	2,011	39.8	15.4
28S	3,033	3,679	66.2	25.6



Overall Results for sample 3 : Sablefish testis RNA

RNA Area: 250.9
 RNA Concentration: 143 ng/μl
 rRNA Ratio [28s / 18s]: 1.5
 RNA Integrity Number (RIN): 9.4 (B.02.07)
 Result Flagging Color:
 Result Flagging Label: RIN: 9.40

Fragment table for sample 3 : Sablefish testis RNA

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,721	1,984	57.5	22.9
28S	3,203	3,670	83.4	33.2