

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...\Eukaryote Total RNA Nano_DE24802235_2010-12-15_20-28-45.xad

Created: 12/15/2010 8:28:45 PM
Modified: 12/15/2010 9:06:45 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/ μ l] : 150

Lower Marker Concentration [ng/ μ l] : 0

Upper Marker Concentration [ng/ μ l] : 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

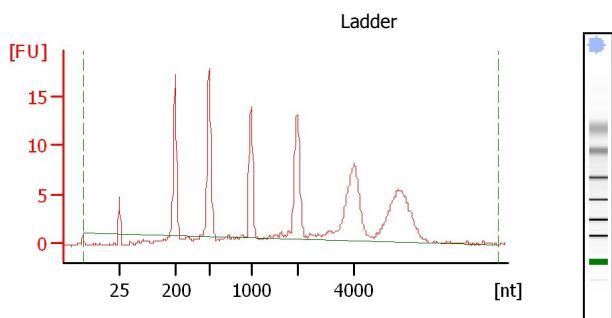
Ladder

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

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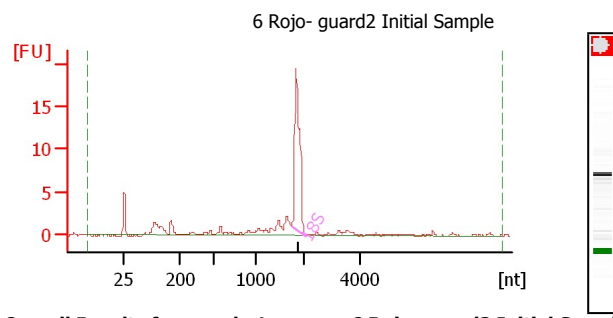
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Electropherogram Summary



Overall Results for Ladder

RNA Area: 152.3
 RNA Concentration: 150 ng/μl
 Result Flagging Color:
 Result Flagging Label: All Other Samples

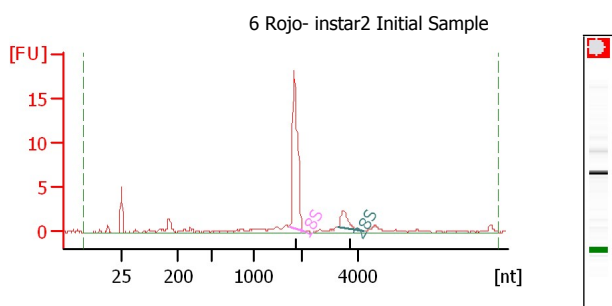


Overall Results for sample 1 : 6 Rojo- guard2 Initial Sample

RNA Area: 61.0
 RNA Concentration: 60 ng/μl
 rRNA Ratio [28s / 18s]: 0.0
 RNA Integrity Number (RIN): N/A (B.02.07)
 Result Flagging Color:
 Result Flagging Label: RIN N/A

Fragment table for sample 1 : 6 Rojo- guard2 Initial Sample

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,748	2,091	28.1	46.1

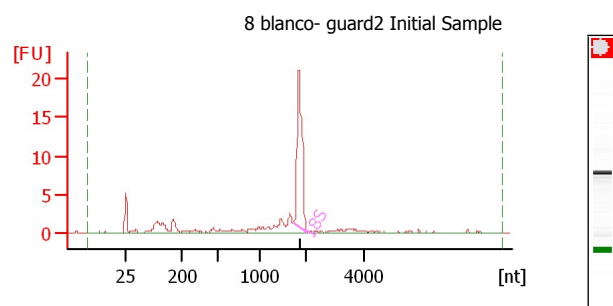


Overall Results for sample 2 : 6 Rojo- instar2 Initial Sample

RNA Area: 60.4
 RNA Concentration: 59 ng/μl
 rRNA Ratio [28s / 18s]: 0.2
 RNA Integrity Number (RIN): N/A (B.02.07)
 Result Flagging Color:
 Result Flagging Label: RIN N/A

Fragment table for sample 2 : 6 Rojo- instar2 Initial Sample

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,735	2,081	26.5	43.9
28S	3,268	4,163	4.2	7.0



Overall Results for sample 3 : 8 blanco- guard2 Initial Sample

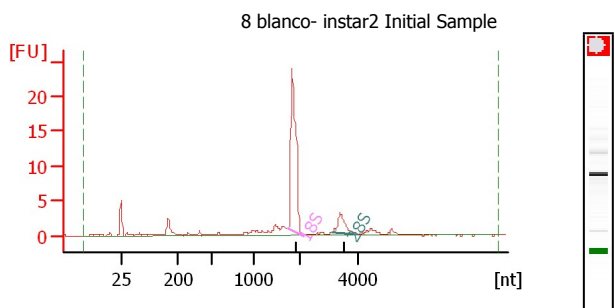
RNA Area: 62.3
 RNA Concentration: 61 ng/μl
 rRNA Ratio [28s / 18s]: 0.0
 RNA Integrity Number (RIN): N/A (B.02.07)
 Result Flagging Color:
 Result Flagging Label: RIN N/A

Fragment table for sample 3 : 8 blanco- guard2 Initial Sample

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,727	2,053	30.4	48.7

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Electropherogram Summary Continued ...**Overall Results for sample 4 : 8 blanco- instar2 Initial Sample**

RNA Area: 70.7
RNA Concentration: 70 ng/μl
rRNA Ratio [28s / 18s]: 0.2
RNA Integrity Number (RIN): N/A (B.02.07)
Result Flagging Color:
Result Flagging Label: RIN N/A

Fragment table for sample 4 : 8 blanco- instar2 Initial Sample

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,715	2,079	36.3	51.3
28S	3,093	3,989	5.9	8.4

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Gel Image