

Assay Class: Eukaryote Total RNA Pico  
Data Path: D:\...\Eukaryote Total RNA Pico\_DE24802235\_2011-05-03\_12-29-57.xad

Created: 5/3/2011 12:29:57 PM  
Modified: 5/3/2011 12:47:22 PM

## Electrophoresis Assay Details

### General Analysis Settings

Number of Available Sample and Ladder Wells (Max.) : 12

Minimum Visible Range [s] : 17

Maximum Visible Range [s] : 70

Start Analysis Time Range [s] : 18

End Analysis Time Range [s] : 69

Ladder Concentration [pg/ $\mu$ l] : 1000

Lower Marker Concentration [pg/ $\mu$ l] : 0

Upper Marker Concentration [pg/ $\mu$ l] : 0

Used Lower Marker for Quantitation

Standard Curve Fit is Logarithmic

Show Data Aligned to Lower Marker

### Integrator Settings

Integration Start Time [s] : 18

Integration End Time [s] : 69

Slope Threshold : 0.6

Height Threshold [FU] : 0.5

Area Threshold : 0.2

Width Threshold [s] : 0.3

Baseline Plateau [s] : 6

### Filter Settings

Filter Width [s] : 0.5

Polynomial Order : 4

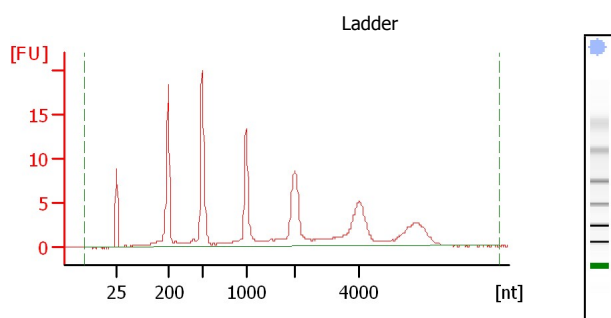
### Ladder

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

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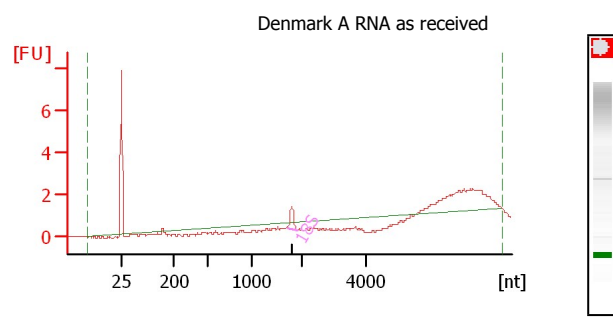
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### Electropherogram Summary



#### Overall Results for Ladder

RNA Area: 164.0  
RNA Concentration: 1,000 pg/μl  
Result Flagging Color:    
Result Flagging Label: All Other Samples

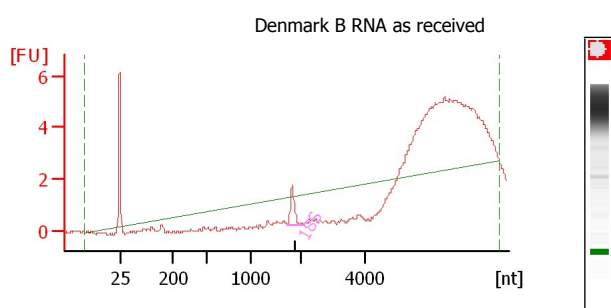


#### Overall Results for sample 1 : Denmark A RNA as received

RNA Area: 11.4  
RNA Concentration: 69 pg/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 : Denmark A RNA as received

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,723	1,918	1.3	11.3

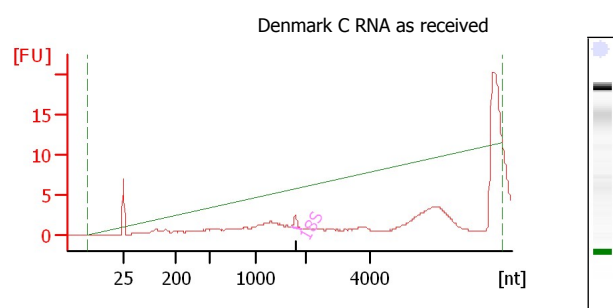


#### Overall Results for sample 2 : Denmark B RNA as received

RNA Area: 34.9  
RNA Concentration: 212 pg/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 2 : Denmark B RNA as received

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,727	2,085	1.8	5.3



#### Overall Results for sample 3 : Denmark C RNA as received

RNA Area: 12.5  
RNA Concentration: 76 pg/μl  
rRNA Ratio [28s / 18s]: 0.0  
RNA Integrity Number (RIN): 4.7 (B.02.07)  
Result Flagging Color:    
Result Flagging Label: RIN: 4.70

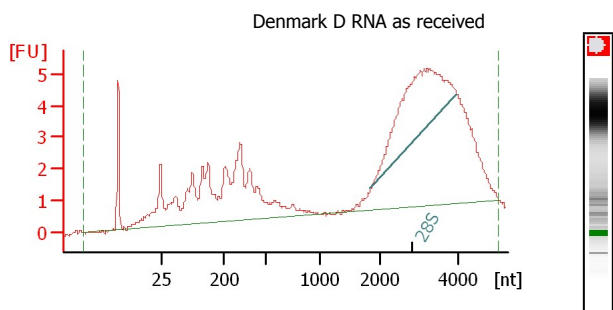
#### Fragment table for sample 3 : Denmark C RNA as received

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,730	1,914	1.7	13.4

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### Electropherogram Summary Continued ...

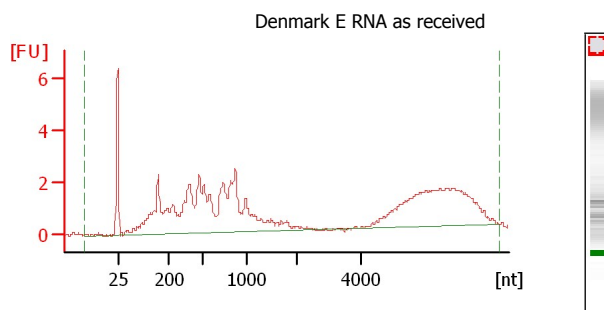


#### Overall Results for sample 4 : Denmark D RNA as received

RNA Area: 120.2  
 RNA Concentration: 733 pg/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

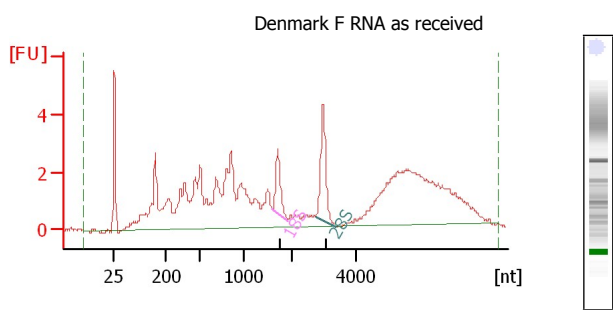
#### Fragment table for sample 4 : Denmark D RNA as received

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
28S	1,851	3,955	20.4	17.0



#### Overall Results for sample 5 : Denmark E RNA as received

RNA Area: 75.4  
 RNA Concentration: 460 pg/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

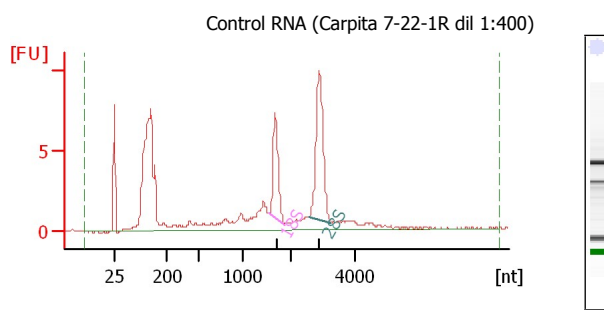


#### Overall Results for sample 6 : Denmark F RNA as received

RNA Area: 97.5  
 RNA Concentration: 595 pg/μl  
 rRNA Ratio [28s / 18s]: 1.8  
 RNA Integrity Number (RIN): 6 (B.02.07)  
 Result Flagging Color:    
 Result Flagging Label: RIN:6

#### Fragment table for sample 6 : Denmark F RNA as received

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,610	1,920	3.4	3.5
28S	2,764	3,386	6.2	6.3



#### Overall Results for sample 7

RNA Area: 103.4  
 RNA Concentration: 630 pg/μl  
 rRNA Ratio [28s / 18s]: 1.8  
 RNA Integrity Number (RIN): 8 (B.02.07)  
 Result Flagging Color:    
 Result Flagging Label: RIN:8

#### Fragment table for sample 7

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,546	1,866	10.6	10.3
28S	2,565	3,270	19.3	18.6