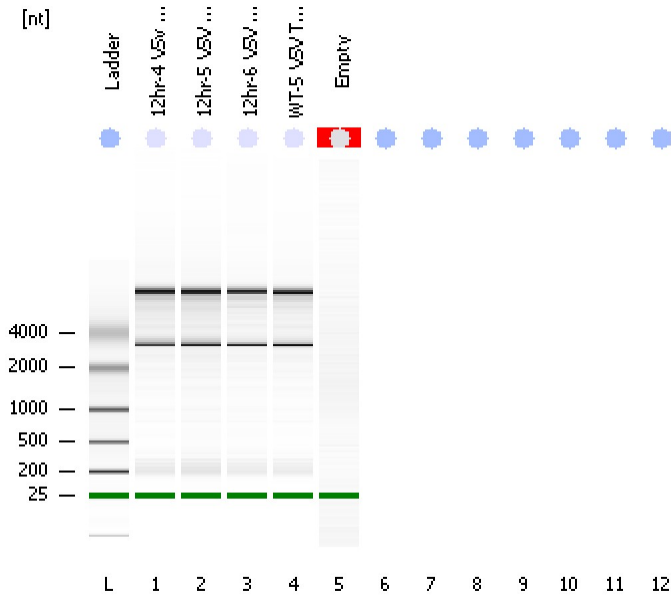


Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\...ioanalyzer\2100 expert\data\2017-06-21\2017-06-21\_001AW.xad

Created: 6/21/2017 3:28:16 PM  
Modified: 6/21/2017 3:46:07 PM

Electrophoresis File Run Summary



Instrument Information:

Instrument Name: DE13701086      Firmware: C.01.069  
Serial#: DE13701086      Type: G2938B

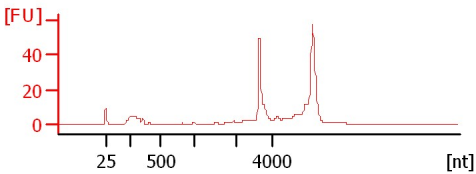
Assay Information:

Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\Eukaryote Total RNA Nano Series II.xsy  
Assay Class: Eukaryote Total RNA Nano  
Version: 2.6  
Assay Comments: Total RNA Analysis ng sensitivity (Eukaryote)  
© Copyright 2003 - 2009 Agilent Technologies, Inc.

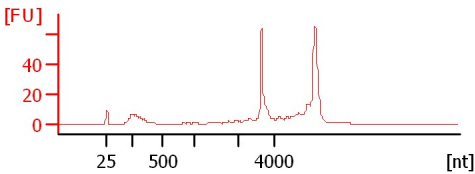
Chip Information:

Chip Lot #:   
Reagent Kit Lot #:   
Chip Comments:

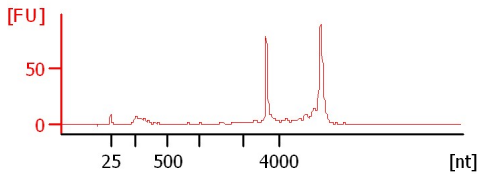
**12hr-4 VSV Total RNA**  
RIN: 9.10



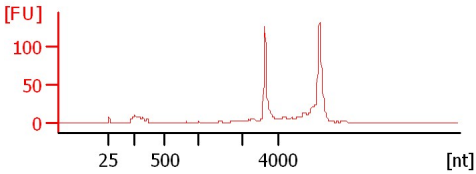
**12hr-5 VSV Total RNA**  
RIN: 8.60



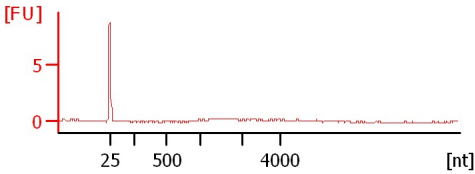
**12hr-6 VSV Total RNA**  
RIN: 8.50



**WT-5 VSV Total RNA**  
RIN:9



**Empty**  
RIN N/A



Assay Class: Eukaryote Total RNA Nano  
 Data Path: C:\...ioanalyzer\2100 expert\data\2017-06-21\2017-06-21\_001AW.xad

Created: 6/21/2017 3:28:16 PM  
 Modified: 6/21/2017 3:46:07 PM

**Electrophoresis File Run Summary (Chip Summary)**

Sample Name	Sample Comment	Status	Result Label	Result Color
12hr-4 VSV Total RNA		✓	RIN: 9.10	
12hr-5 VSV Total RNA		✓	RIN: 8.60	
12hr-6 VSV Total RNA		✓	RIN: 8.50	
WT-5 VSV Total RNA		✓	RIN:9	
Empty		✓	RIN N/A	
Ladder		✓	All Other Samples	

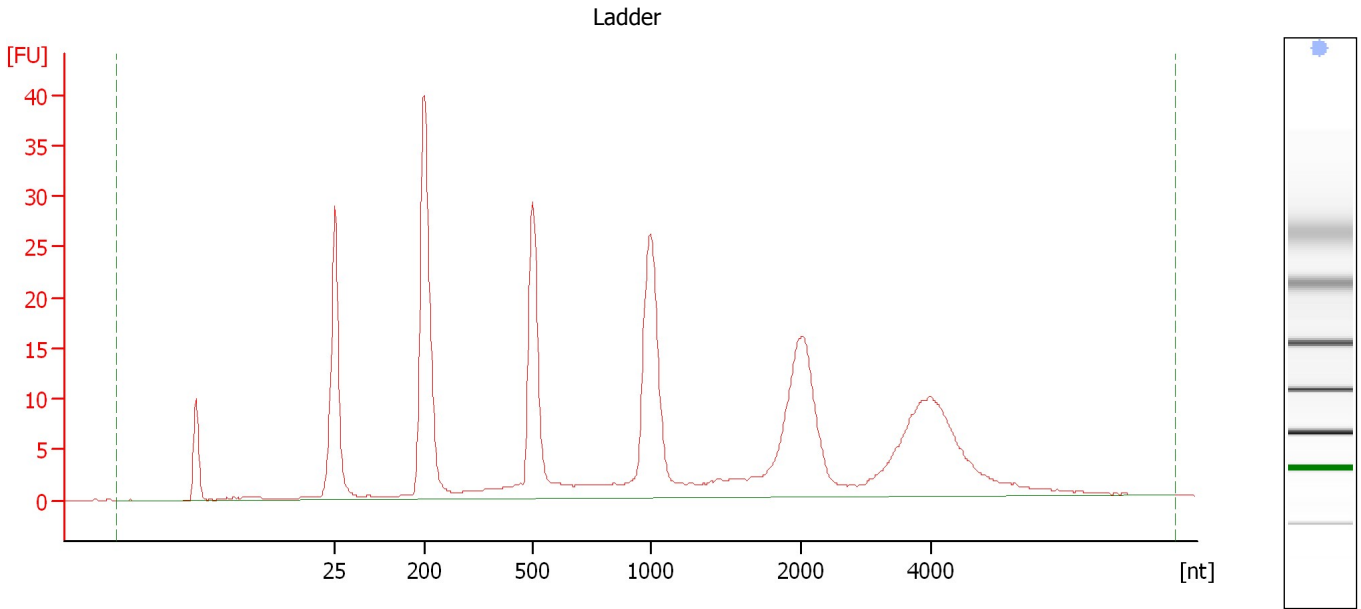
Chip Lot # Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\...ioanalyzer\2100 expert\data\2017-06-21\2017-06-21\_001AW.xad

Created: 6/21/2017 3:28:16 PM  
Modified: 6/21/2017 3:46:07 PM

**Electropherogram Summary**



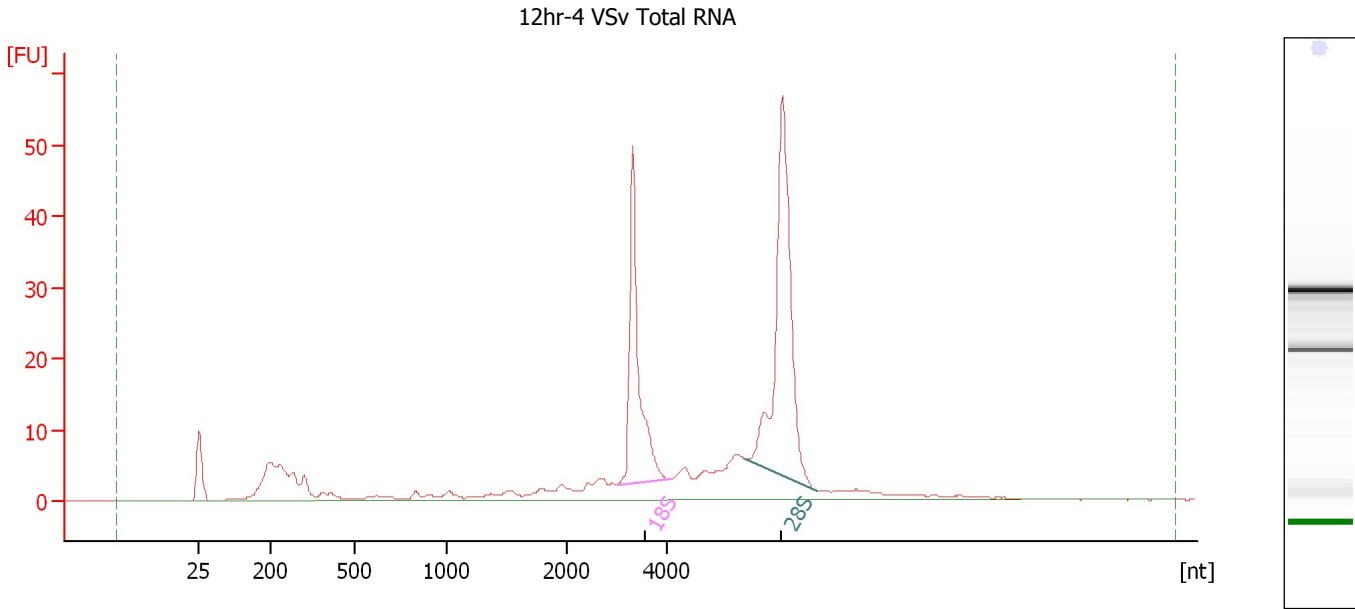
**Overall Results for Ladder**

RNA Area:	310.0	Result Flagging Color:	<span style="background-color: #ADD8E6; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span>
RNA Concentration:	150 ng/μl	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\...ioanalyzer\2100 expert\data\2017-06-21\2017-06-21\_001AW.xad

Created: 6/21/2017 3:28:16 PM  
Modified: 6/21/2017 3:46:07 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 1 : 12hr-4 VSv Total RNA**

RNA Area: 294.6 RNA Integrity Number (RIN): 9.1 (B.02.08)  
RNA Concentration: 143 ng/μl Result Flagging Color:   
rRNA Ratio [28s / 18s]: 1.6 Result Flagging Label: RIN: 9.10

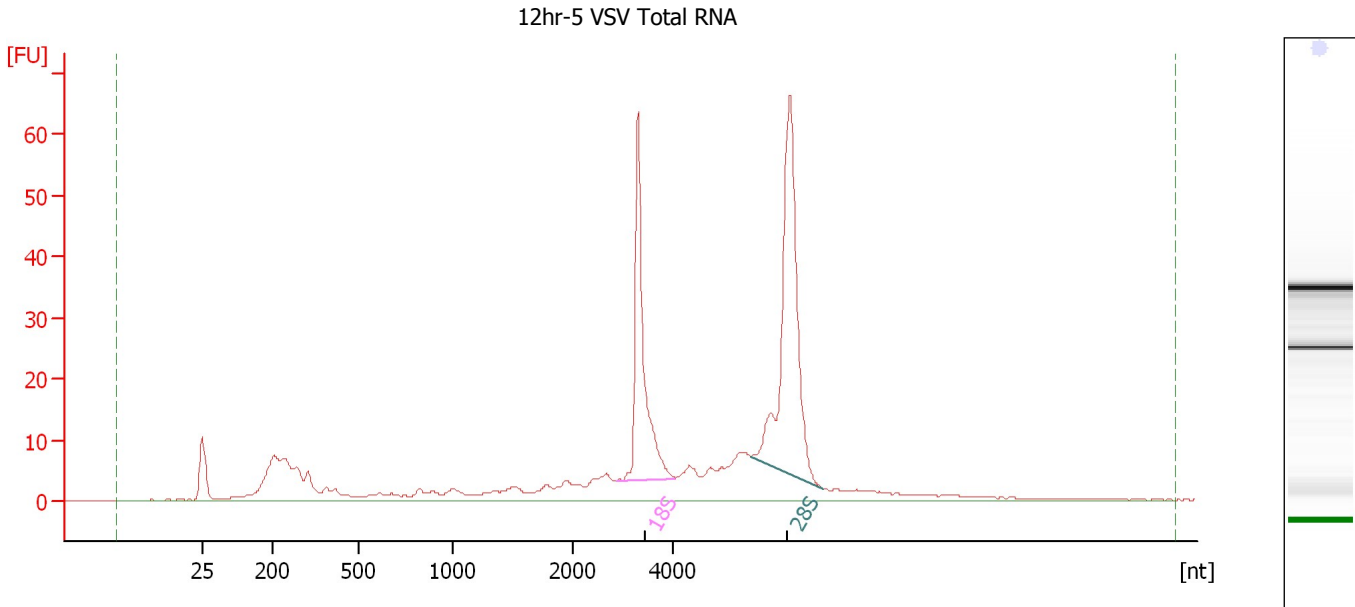
**Fragment table for sample 1 : 12hr-4 VSv Total RNA**

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	3,026	4,086	51.7	17.6
28S	5,549	6,990	84.7	28.7

Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\...ioanalyzer\2100 expert\data\2017-06-21\2017-06-21\_001AW.xad

Created: 6/21/2017 3:28:16 PM  
Modified: 6/21/2017 3:46:07 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 2 : 12hr-5 VSV Total RNA**

RNA Area: 393.7                      RNA Integrity Number (RIN): 8.6 (B.02.08)  
RNA Concentration: 190 ng/μl              Result Flagging Color:   
rRNA Ratio [28s / 18s]: 1.5              Result Flagging Label: RIN: 8.60

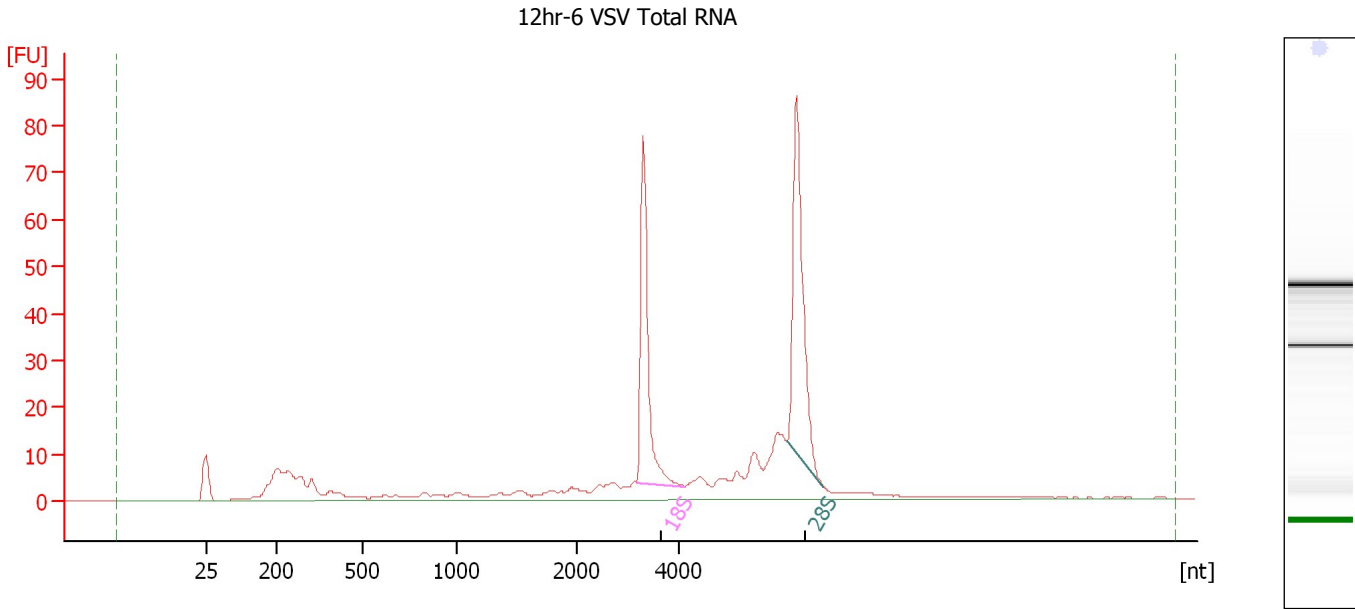
**Fragment table for sample 2 : 12hr-5 VSV Total RNA**

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	2,868	4,047	63.1	16.0
28S	5,543	6,933	97.3	24.7

Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\...ioanalyzer\2100 expert\data\2017-06-21\2017-06-21\_001AW.xad

Created: 6/21/2017 3:28:16 PM  
Modified: 6/21/2017 3:46:07 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 3 : 12hr-6 VSV Total RNA**

RNA Area: 360.3 RNA Integrity Number (RIN): 8.5 (B.02.08)  
RNA Concentration: 174 ng/μl Result Flagging Color:   
rRNA Ratio [28s / 18s]: 1.3 Result Flagging Label: RIN: 8.50

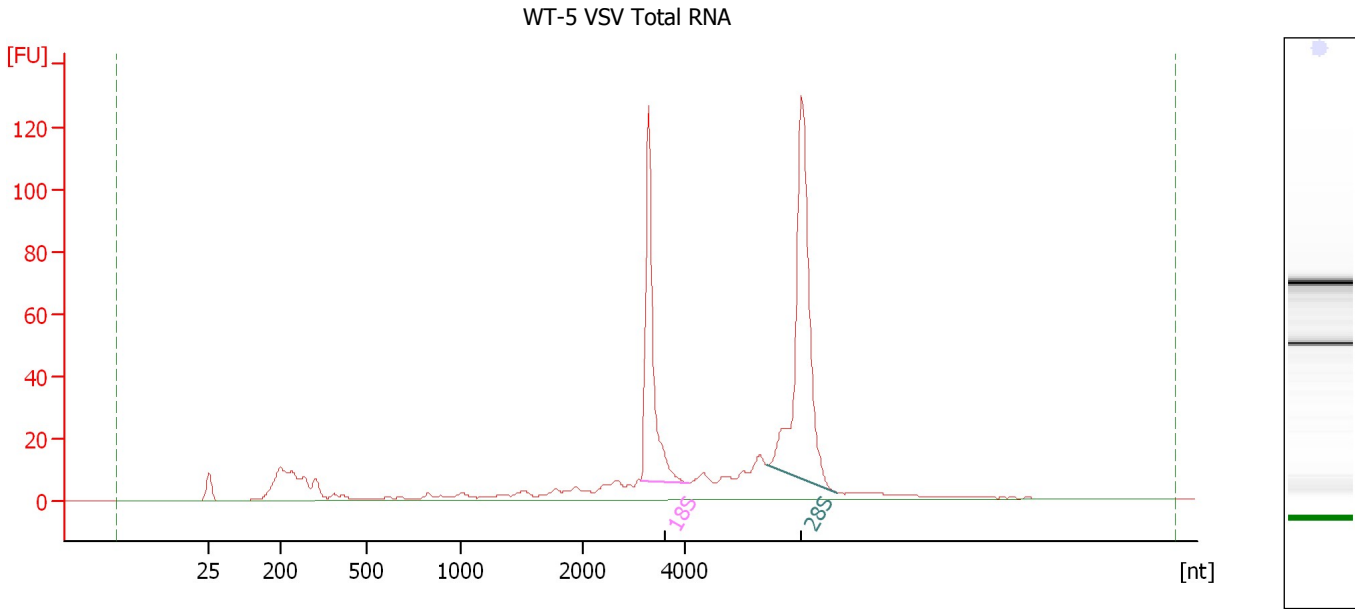
**Fragment table for sample 3 : 12hr-6 VSV Total RNA**

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	3,151	4,114	62.9	17.5
28S	6,102	6,814	79.7	22.1

Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\...ioanalyzer\2100 expert\data\2017-06-21\2017-06-21\_001AW.xad

Created: 6/21/2017 3:28:16 PM  
Modified: 6/21/2017 3:46:07 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 4 : WT-5 VSV Total RNA**

RNA Area: 580.1                      RNA Integrity Number (RIN): 9 (B.02.08)  
RNA Concentration: 281 ng/μl              Result Flagging Color:   
rRNA Ratio [28s / 18s]: 1.6              Result Flagging Label: RIN:9

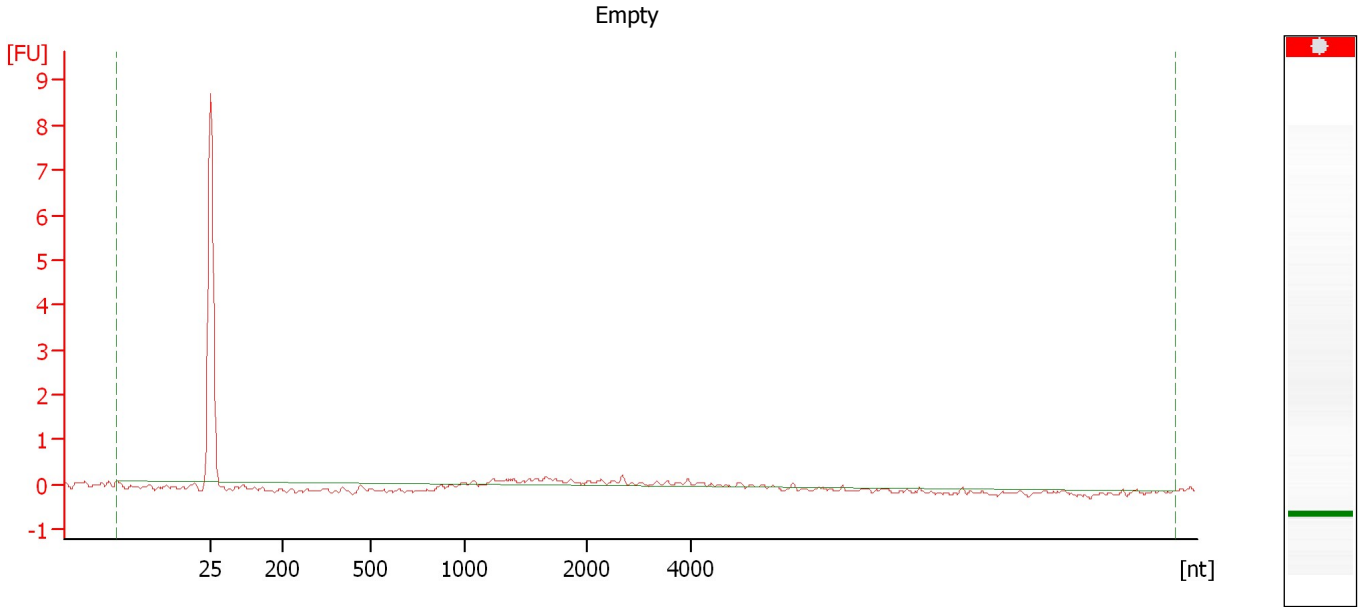
**Fragment table for sample 4 : WT-5 VSV Total RNA**

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	3,139	4,075	108.3	18.7
28S	5,594	6,925	173.7	29.9

Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\...ioanalyzer\2100 expert\data\2017-06-21\2017-06-21\_001AW.xad

Created: 6/21/2017 3:28:16 PM  
Modified: 6/21/2017 3:46:07 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 5 : Empty**

RNA Area:	2.3	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	1 ng/ $\mu$ l	Result Flagging Color:	<span style="background-color: #cccccc; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span>
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A



Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\...ioanalyzer\2100 expert\data\2017-06-21\2017-06-21\_001AW.xad

Created: 6/21/2017 3:28:16 PM  
Modified: 6/21/2017 3:46:07 PM

**Gel Image**

