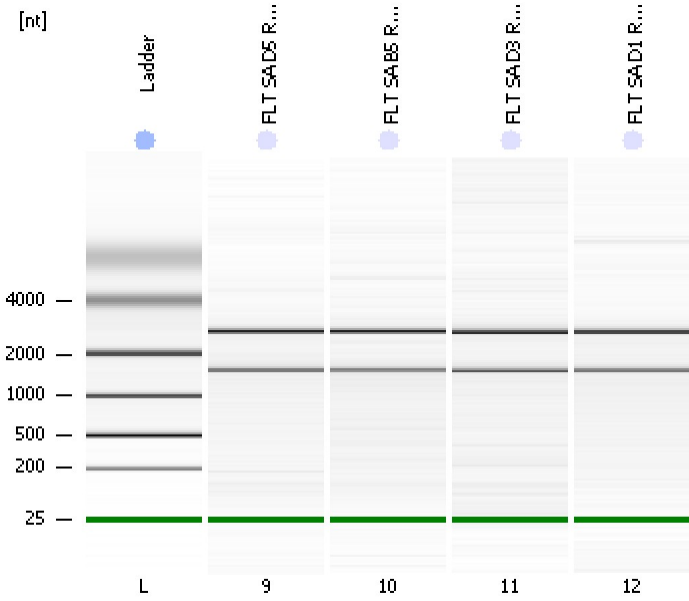


Assay Class: Eukaryote Total RNA Nano  
 Data Path: C:\...2017-06-27\2017-06-27\_004\_HiSeq1027\_TotRNAQC\_Repeat\_1-4.xad

Created: 6/27/2017 10:03:38 AM  
 Modified: 6/27/2017 10:35:21 AM

**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

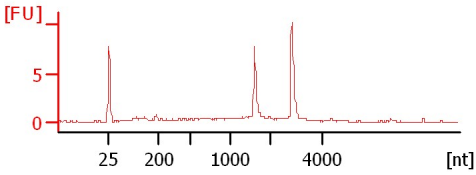
Assay Class: Eukaryote Total RNA Nano  
 Version: 2.6  
 Assay Comments: Total RNA Analysis ng sensitivity (Eukaryote)

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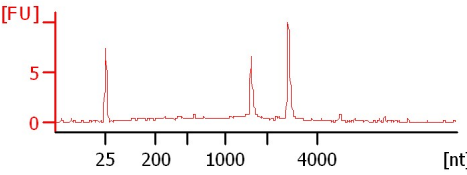
Chip Information:

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

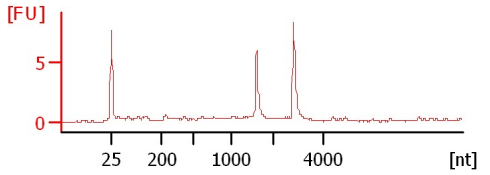
**FLT SA D5 RNA**  
 HiSeq1027 RNA QC  
 RIN:8



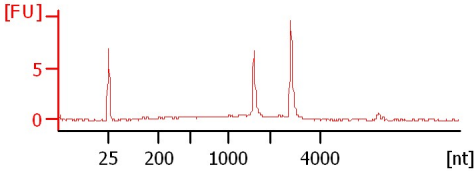
**FLT SA B5 RNA**  
 HiSeq1027 RNA QC  
 RIN: 7.90



**FLT SA D3 RNA**  
 HiSeq1027 RNA QC  
 RIN:8



**FLT SA D1 RNA**  
 HiSeq1027 RNA QC  
 RIN:8



Assay Class: Eukaryote Total RNA Nano  
 Data Path: C:\...2017-06-27\2017-06-27\_004\_HiSeq1027\_TotRNAQC\_Repeat\_1-4.xad

Created: 6/27/2017 10:03:38 AM  
 Modified: 6/27/2017 10:35:21 AM

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

Sample Name	Sample Comment	Status	Result Label	Result Color
FLT SA D5 RNA	HiSeq1027 RNA QC	✓	RIN:8	
FLT SA B5 RNA	HiSeq1027 RNA QC	✓	RIN: 7.90	
FLT SA D3 RNA	HiSeq1027 RNA QC	✓	RIN:8	
FLT SA D1 RNA	HiSeq1027 RNA QC	✓	RIN:8	
Ladder		✓	All Other Samples	

**Chip Lot #**

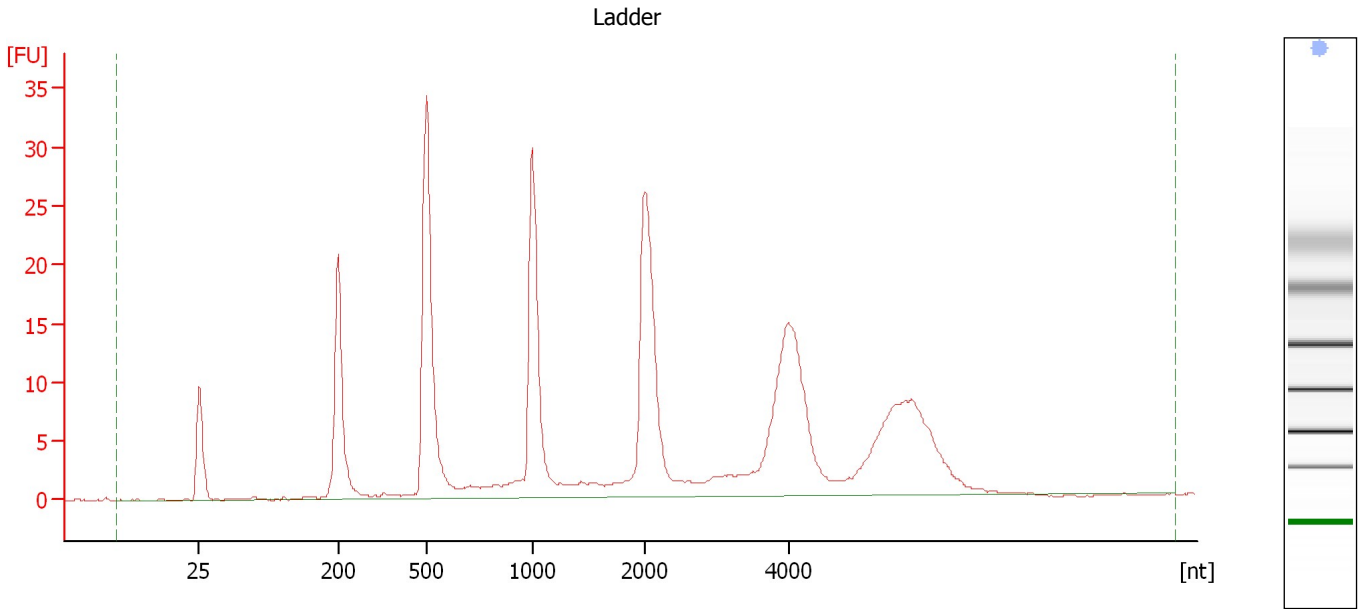
**Reagent Kit Lot #**

**Chip Comments :**

Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\...2017-06-27\2017-06-27\_004\_HiSeq1027\_TotRNAQC\_Repeat\_1-4.xad

Created: 6/27/2017 10:03:38 AM  
Modified: 6/27/2017 10:35:21 AM

**Electropherogram Summary**



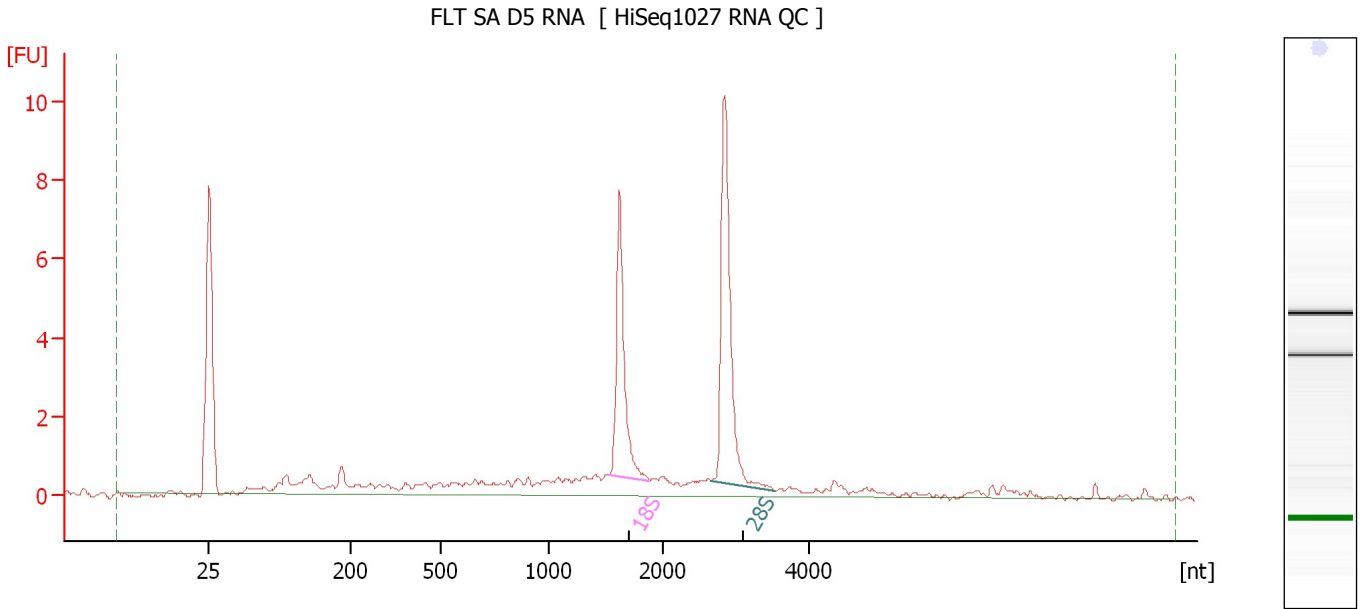
**Overall Results for Ladder**

RNA Area:	295.2	Result Flagging Color:	<span style="background-color: blue; 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:\...2017-06-27\2017-06-27\_004\_HiSeq1027\_TotRNAQC\_Repeat\_1-4.xad

Created: 6/27/2017 10:03:38 AM  
 Modified: 6/27/2017 10:35:21 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 9 : FLT SA D5 RNA**

RNA Area:	40.4	RNA Integrity Number (RIN):	8 (B.02.08)
RNA Concentration:	21 ng/μl	Result Flagging Color:	<span style="background-color: #ccccff; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span>
rRNA Ratio [28s / 18s]:	1.4	Result Flagging Label:	RIN:8

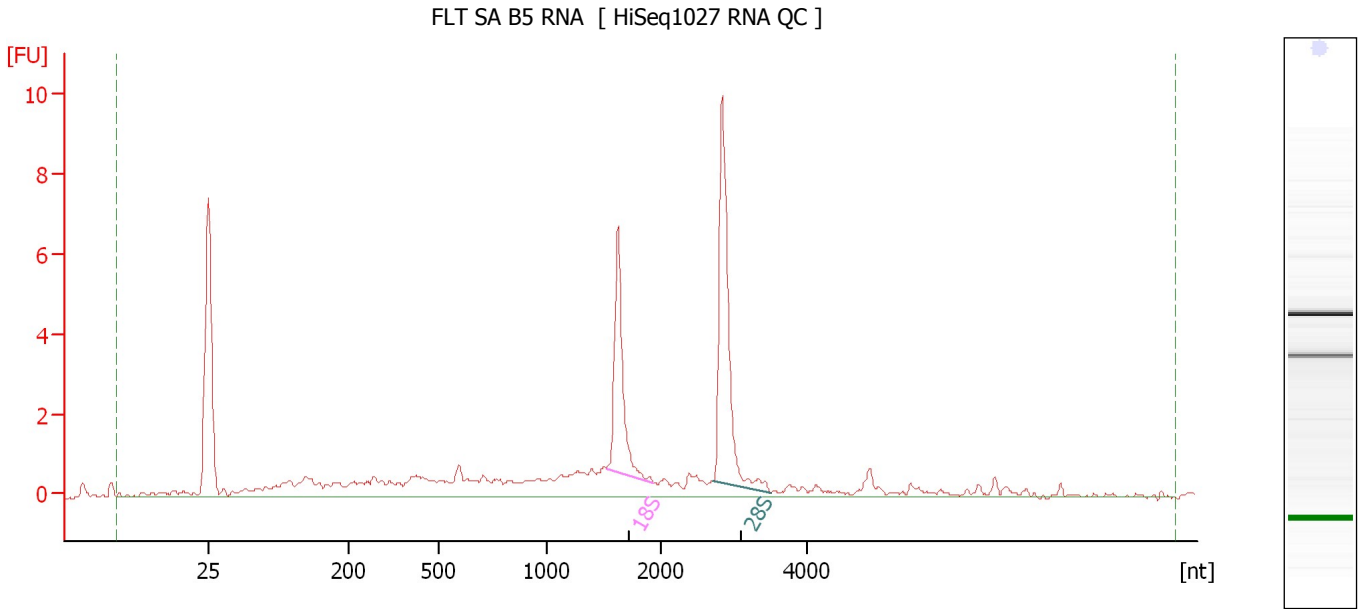
**Fragment table for sample 9 : FLT SA D5 RNA**

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,532	1,878	7.0	17.2
28S	2,658	3,522	9.9	24.4

Assay Class: Eukaryote Total RNA Nano  
 Data Path: C:\...2017-06-27\2017-06-27\_004\_HiSeq1027\_TotRNAQC\_Repeat\_1-4.xad

Created: 6/27/2017 10:03:38 AM  
 Modified: 6/27/2017 10:35:21 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 10 : FLT SA B5 RNA**

RNA Area:	48.4	RNA Integrity Number (RIN):	7.9 (B.02.08)
RNA Concentration:	25 ng/μl	Result Flagging Color:	<span style="background-color: #ccccff; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span>
rRNA Ratio [28s / 18s]:	1.6	Result Flagging Label:	RIN: 7.90

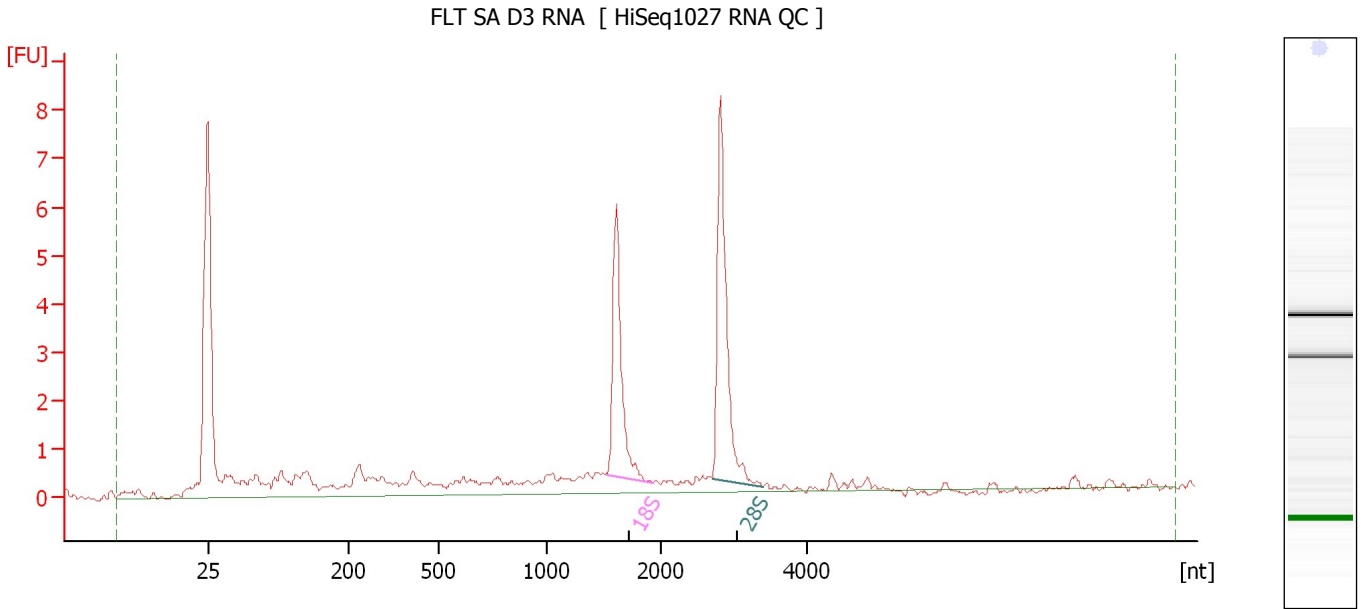
**Fragment table for sample 10 : FLT SA B5 RNA**

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,521	1,933	6.0	12.4
28S	2,716	3,509	9.7	20.0

Assay Class: Eukaryote Total RNA Nano  
 Data Path: C:\...2017-06-27\2017-06-27\_004\_HiSeq1027\_TotRNAQC\_Repeat\_1-4.xad

Created: 6/27/2017 10:03:38 AM  
 Modified: 6/27/2017 10:35:21 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 11 : FLT SA D3 RNA**

RNA Area: 38.5                      RNA Integrity Number (RIN): 8 (B.02.08)  
 RNA Concentration: 20 ng/μl              Result Flagging Color:   
 rRNA Ratio [28s / 18s]: 1.4              Result Flagging Label: RIN:8

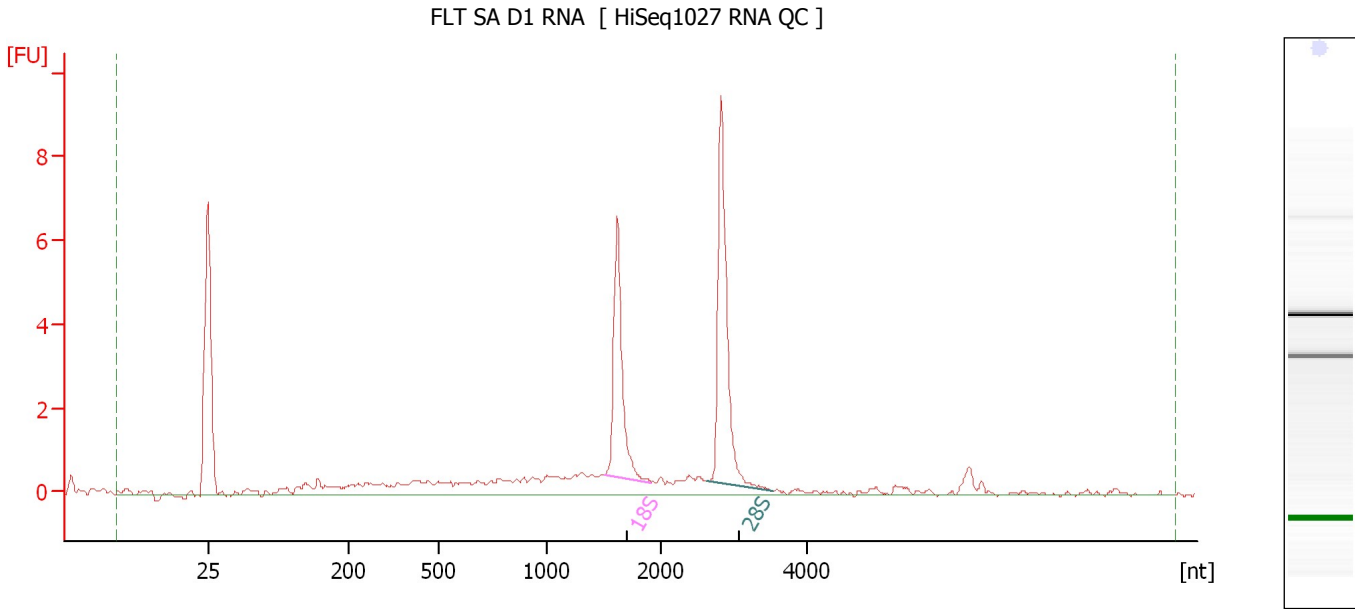
**Fragment table for sample 11 : FLT SA D3 RNA**

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,530	1,923	5.7	14.8
28S	2,702	3,391	7.9	20.6

Assay Class: Eukaryote Total RNA Nano  
 Data Path: C:\...2017-06-27\2017-06-27\_004\_HiSeq1027\_TotRNAQC\_Repeat\_1-4.xad

Created: 6/27/2017 10:03:38 AM  
 Modified: 6/27/2017 10:35:21 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 12 : FLT SA D1 RNA**

RNA Area:	35.4	RNA Integrity Number (RIN):	8 (B.02.08)
RNA Concentration:	18 ng/μl	Result Flagging Color:	<span style="background-color: #ccccff; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span>
rRNA Ratio [28s / 18s]:	1.4	Result Flagging Label:	RIN:8

**Fragment table for sample 12 : FLT SA D1 RNA**

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,502	1,914	6.3	17.7
28S	2,643	3,538	9.0	25.5

Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\...2017-06-27\2017-06-27\_004\_HiSeq1027\_TotRNAQC\_Repeat\_1-4.xad

Created: 6/27/2017 10:03:38 AM  
Modified: 6/27/2017 10:35:21 AM

**Gel Image**

