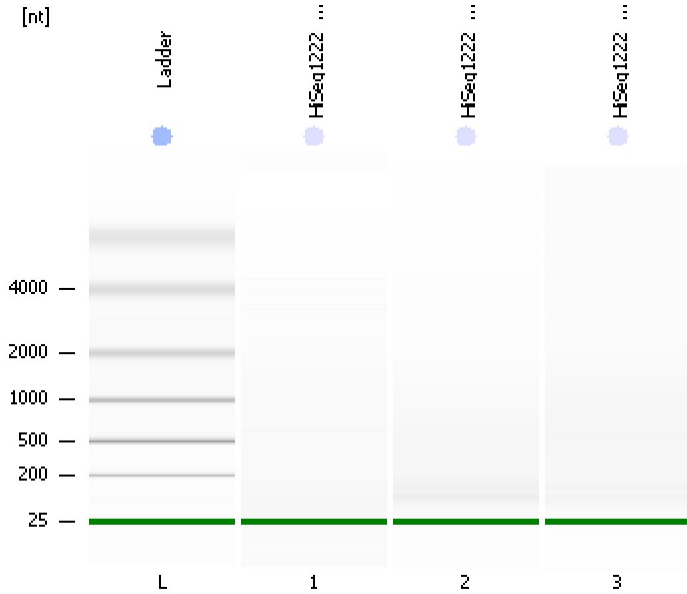


Assay Class: Eukaryote Total RNA Pico  
Data Path: C:\...18-03-09\2018-03-09\_001\_HiSeq1222\_AfterDNaseExonuclease.xad

Created: 3/9/2018 12:49:59 PM  
Modified: 3/9/2018 1:18:47 PM

Electrophoresis File Run Summary



Instrument Information:

Instrument Name: DE34903152      Firmware: C.01.069  
Serial#: DE34903152      Type: G2938C

Assay Information:

Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\Eukaryote Total RNA Pico Series II.xsy

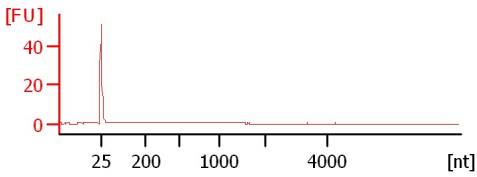
Assay Class: Eukaryote Total RNA Pico  
Version: 2.6  
Assay Comments: Total RNA Analysis pg sensitivity (Eukaryote)

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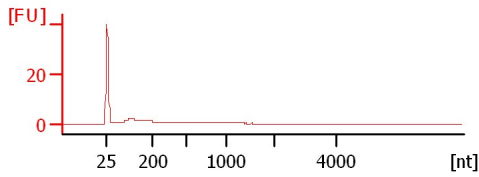
Chip Information:

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

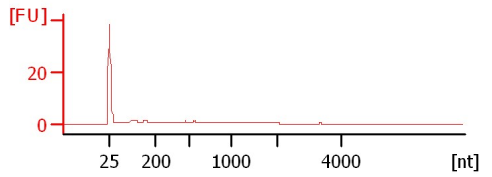
HiSeq1222\_Mock  
RIN: 2.80



HiSeq1222\_GFP -  
RIN: 1



HiSeq1222\_GFP +  
RIN: 1



Assay Class: Eukaryote Total RNA Pico  
 Data Path: C:\...18-03-09\2018-03-09\_001\_HiSeq1222\_AfterDNaseExonuclease.xad

Created: 3/9/2018 12:49:59 PM  
 Modified: 3/9/2018 1:18:47 PM

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

Sample Name	Sample Comment	Status	Result Label	Result Color
HiSeq1222_Mock		✓	RIN: 2.80	
HiSeq1222_GFP -		✓	RIN:1	
HiSeq1222_GFP+		✓	RIN:1	
Ladder		✓	All Other Samples	

**Chip Lot #**

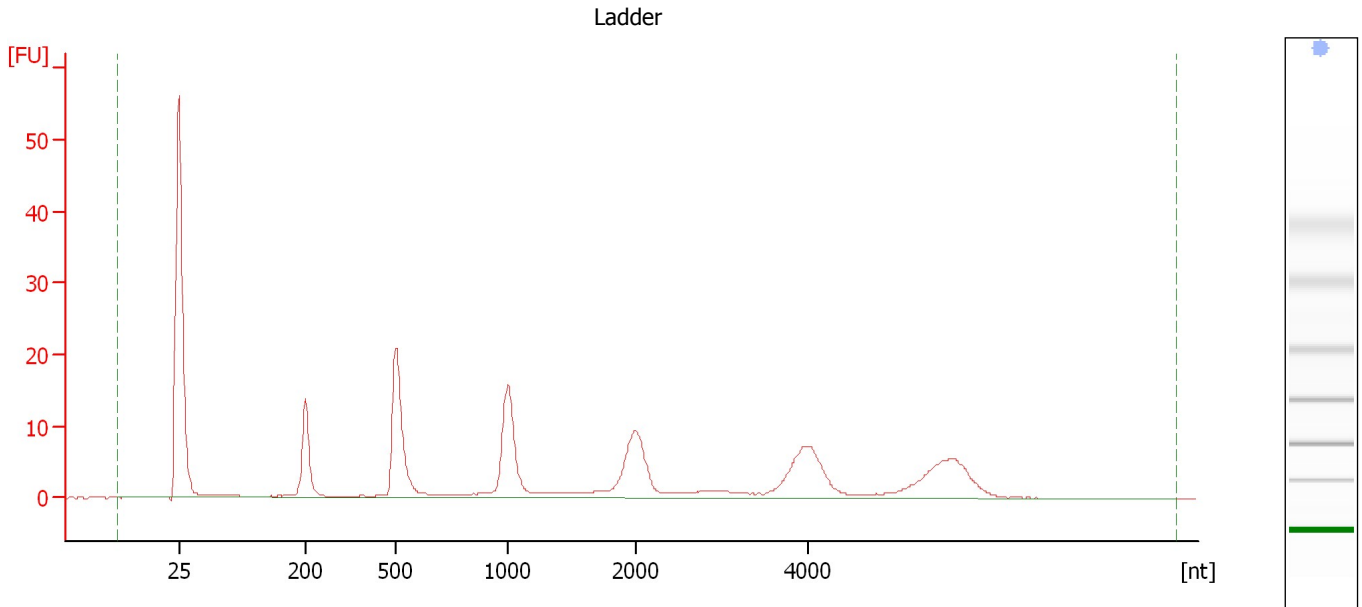
**Reagent Kit Lot #**

**Chip Comments :**

Assay Class: Eukaryote Total RNA Pico  
Data Path: C:\...18-03-09\2018-03-09\_001\_HiSeq1222\_AfterDNaseExonuclease.xad

Created: 3/9/2018 12:49:59 PM  
Modified: 3/9/2018 1:18:47 PM

**Electropherogram Summary**



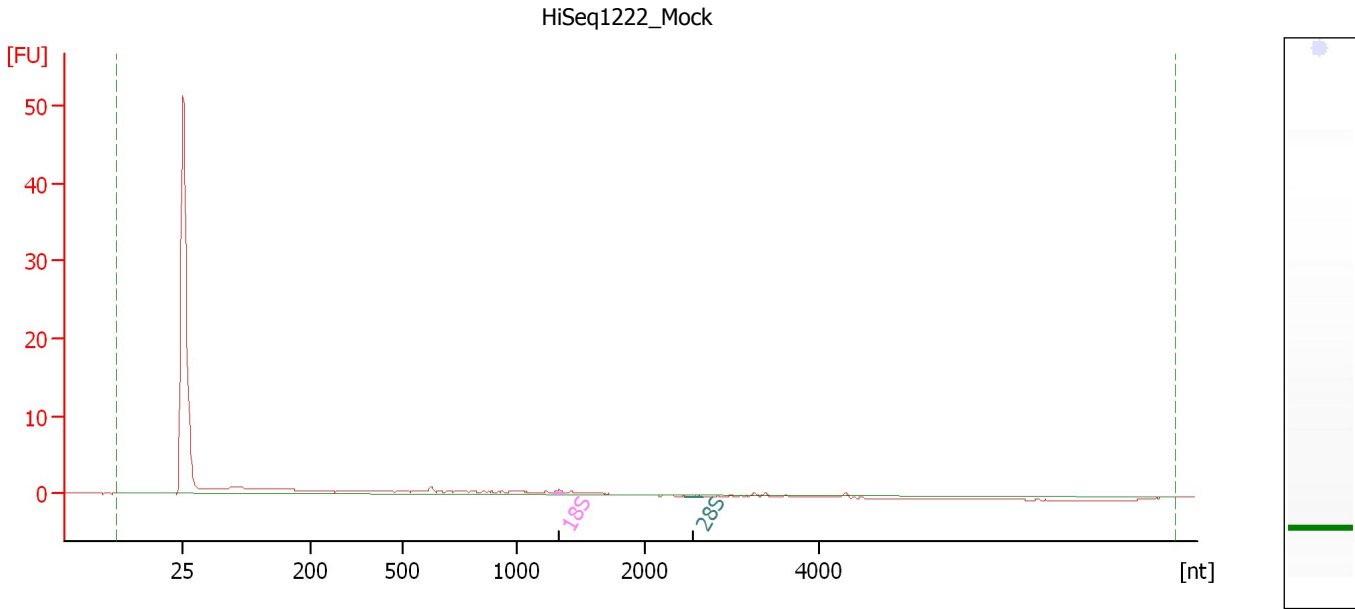
**Overall Results for Ladder**

RNA Area:	186.9	Result Flagging Color:	<span style="background-color: #add8e6; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span>
RNA Concentration:	1,000 pg/μl	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Pico  
Data Path: C:\...18-03-09\2018-03-09\_001\_HiSeq1222\_AfterDNaseExonuclease.xad

Created: 3/9/2018 12:49:59 PM  
Modified: 3/9/2018 1:18:47 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 1 : HiSeq1222\_Mock**

RNA Area: 29.1 RNA Integrity Number (RIN): 2.8 (B.02.08)  
RNA Concentration: 156 pg/μl Result Flagging Color:   
rRNA Ratio [28s / 18s]: 0.8 Result Flagging Label: RIN: 2.80

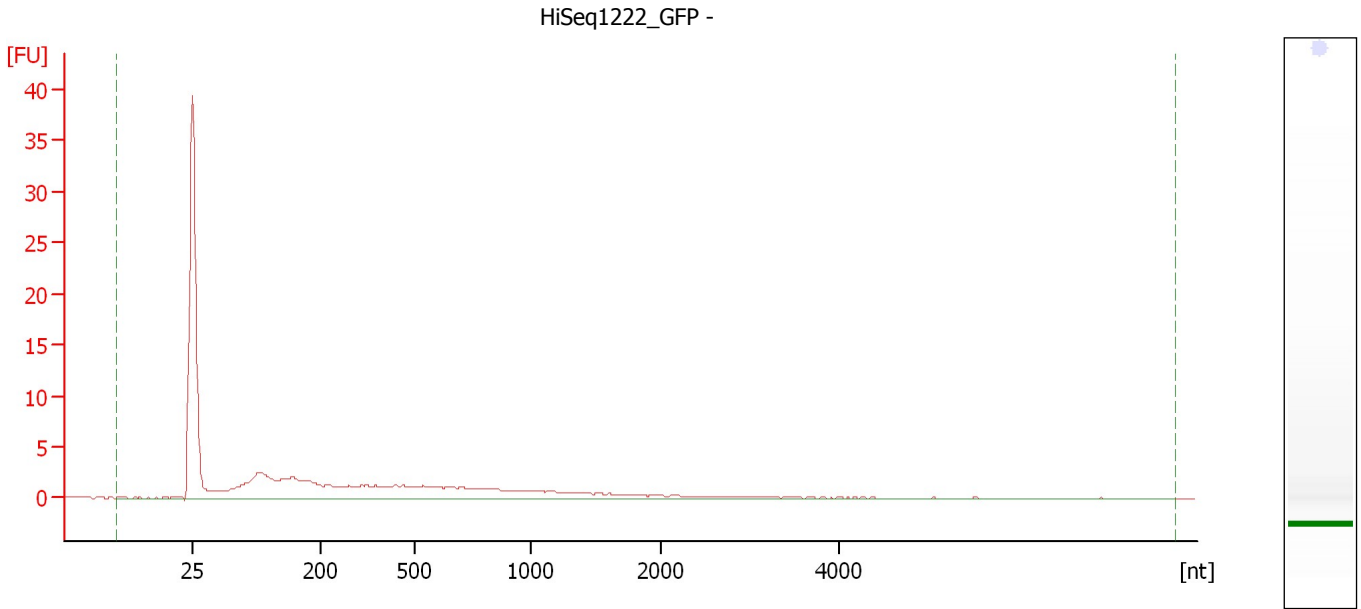
**Fragment table for sample 1 : HiSeq1222\_Mock**

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,287	1,378	0.2	0.8
28S	2,454	2,662	0.2	0.7

Assay Class: Eukaryote Total RNA Pico  
Data Path: C:\...18-03-09\2018-03-09\_001\_HiSeq1222\_AfterDNaseExonuclease.xad

Created: 3/9/2018 12:49:59 PM  
Modified: 3/9/2018 1:18:47 PM

**Electropherogram Summary Continued ...**



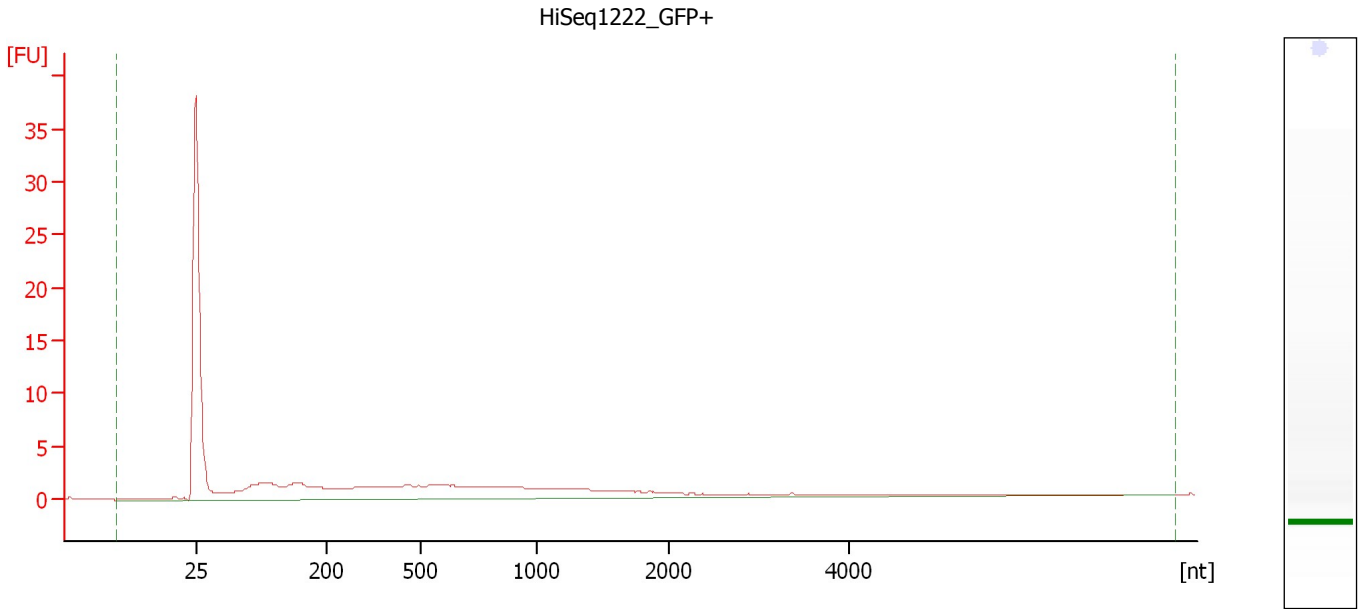
**Overall Results for sample 2 : HiSeq1222\_GFP -**

RNA Area:	70.6	RNA Integrity Number (RIN):	1 (B.02.08)
RNA Concentration:	378 µg/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]:	0.0	Result Flagging Label:	RIN:1

Assay Class: Eukaryote Total RNA Pico  
Data Path: C:\...18-03-09\2018-03-09\_001\_HiSeq1222\_AfterDNaseExonuclease.xad

Created: 3/9/2018 12:49:59 PM  
Modified: 3/9/2018 1:18:47 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 3 : HiSeq1222\_GFP+**

RNA Area:	70.8	RNA Integrity Number (RIN):	1 (B.02.08)
RNA Concentration:	379 µg/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]:	0.0	Result Flagging Label:	RIN:1

Assay Class: Eukaryote Total RNA Pico  
Data Path: C:\...18-03-09\2018-03-09\_001\_HiSeq1222\_AfterDNaseExonuclease.xad

Created: 3/9/2018 12:49:59 PM  
Modified: 3/9/2018 1:18:47 PM

**Gel Image**

