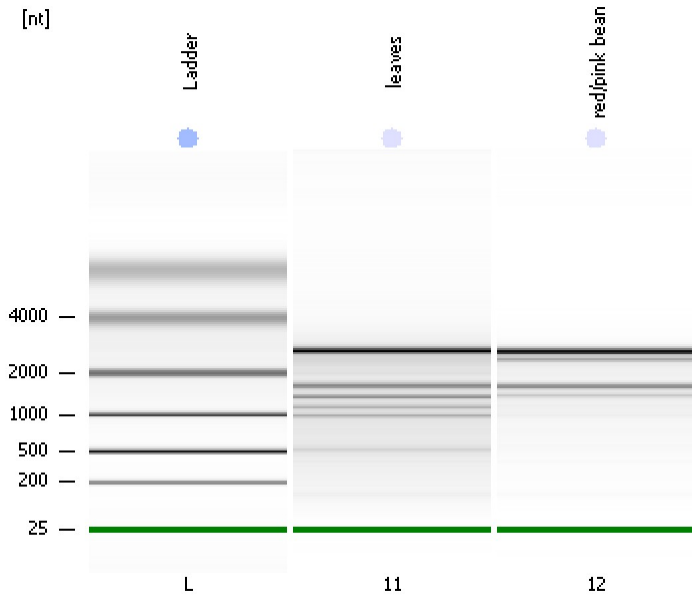


Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\...alyzer\2100 expert\data\2017-04-28\2017-04-28\_003\_QC166.xad

Created: 4/28/2017 11:03:40 AM  
Modified: 4/28/2017 11:27:59 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)

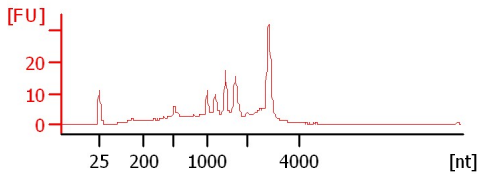
© Copyright 2003 - 2009 Agilent Technologies, Inc.

Chip Information:

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

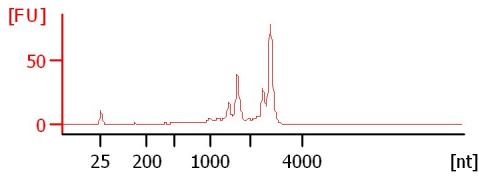
QC\_166  
RIN: 7.20

leaves



RIN: 8.10

red/pink bean



Assay Class: Eukaryote Total RNA Nano  
 Data Path: C:\...alyzer\2100 expert\data\2017-04-28\2017-04-28\_003\_QC166.xad

Created: 4/28/2017 11:03:40 AM  
 Modified: 4/28/2017 11:27:59 AM

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

Sample Name	Sample Comment	Status	Result Label	Result Color
leaves	QC_166	✓	RIN: 7.20	
red/pink bean		✓	RIN: 8.10	
Ladder		✓	All Other Samples	

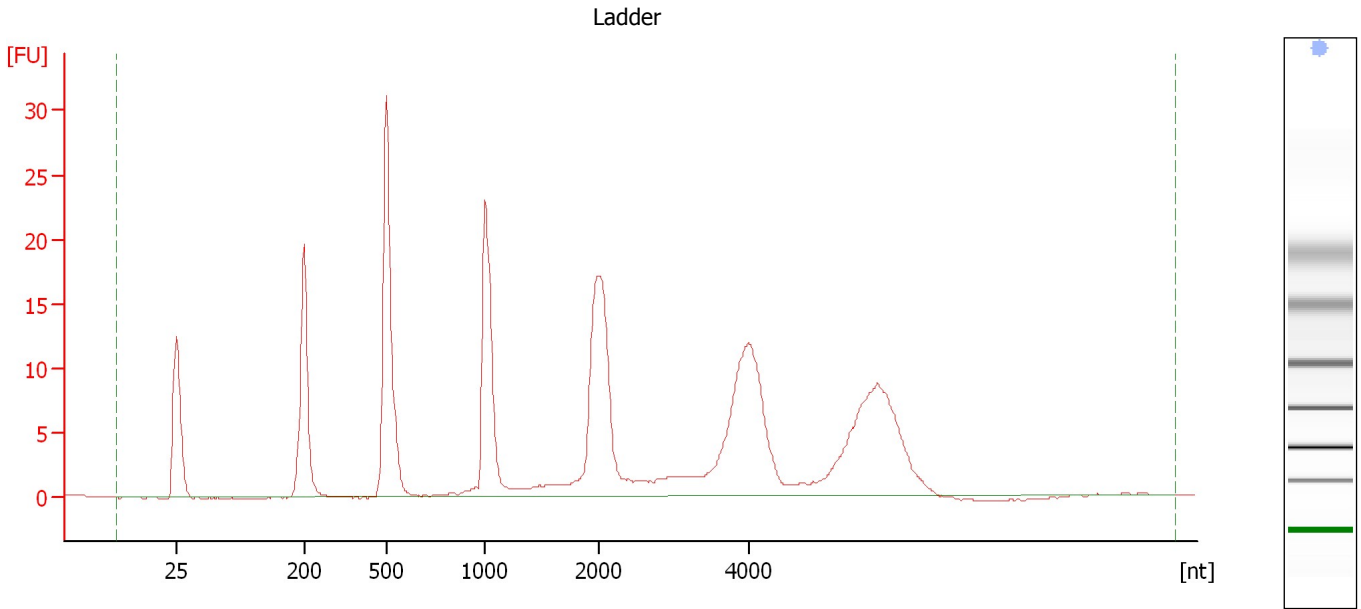
**Chip Lot #** **Reagent Kit Lot #**

**Chip Comments :**

Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\...alyzer\2100 expert\data\2017-04-28\2017-04-28\_003\_QC166.xad

Created: 4/28/2017 11:03:40 AM  
Modified: 4/28/2017 11:27:59 AM

**Electropherogram Summary**



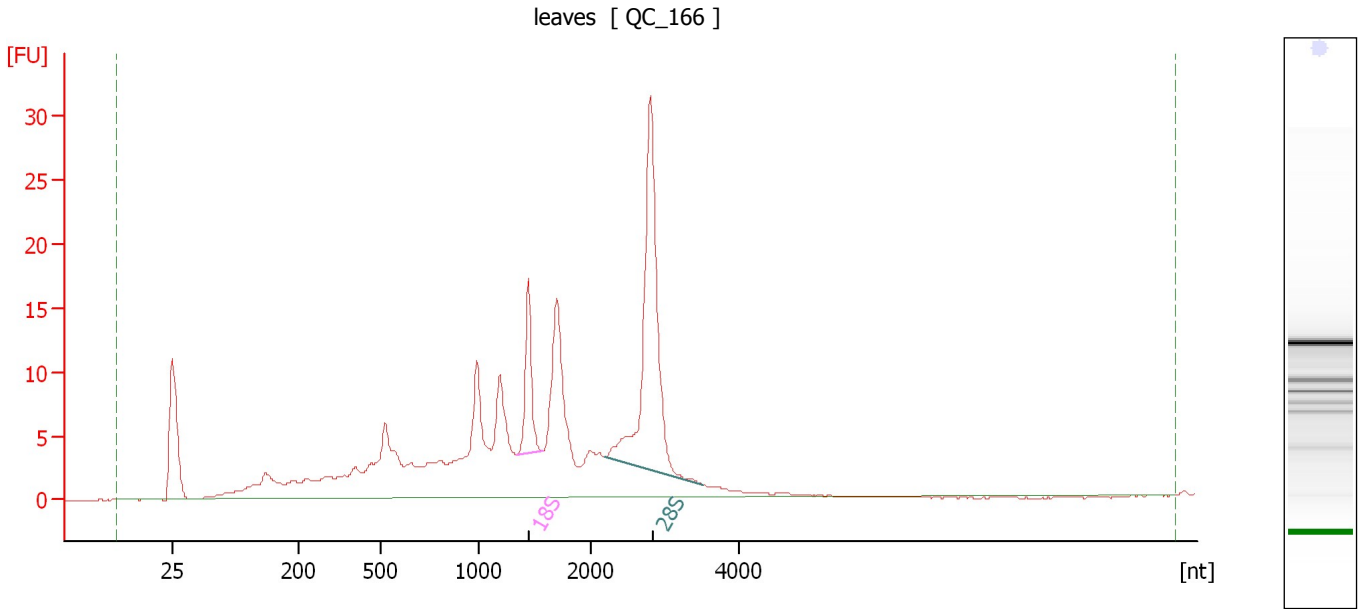
**Overall Results for Ladder**

RNA Area:	250.7	Result Flagging Color:	<span style="background-color: #6699ff; 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:\...alyzer\2100 expert\data\2017-04-28\2017-04-28\_003\_QC166.xad

Created: 4/28/2017 11:03:40 AM  
Modified: 4/28/2017 11:27:59 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 11 : leaves**

RNA Area:	244.2	RNA Integrity Number (RIN):	7.2 (B.02.08)
RNA Concentration:	146 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]:	4.1	Result Flagging Label:	RIN: 7.20

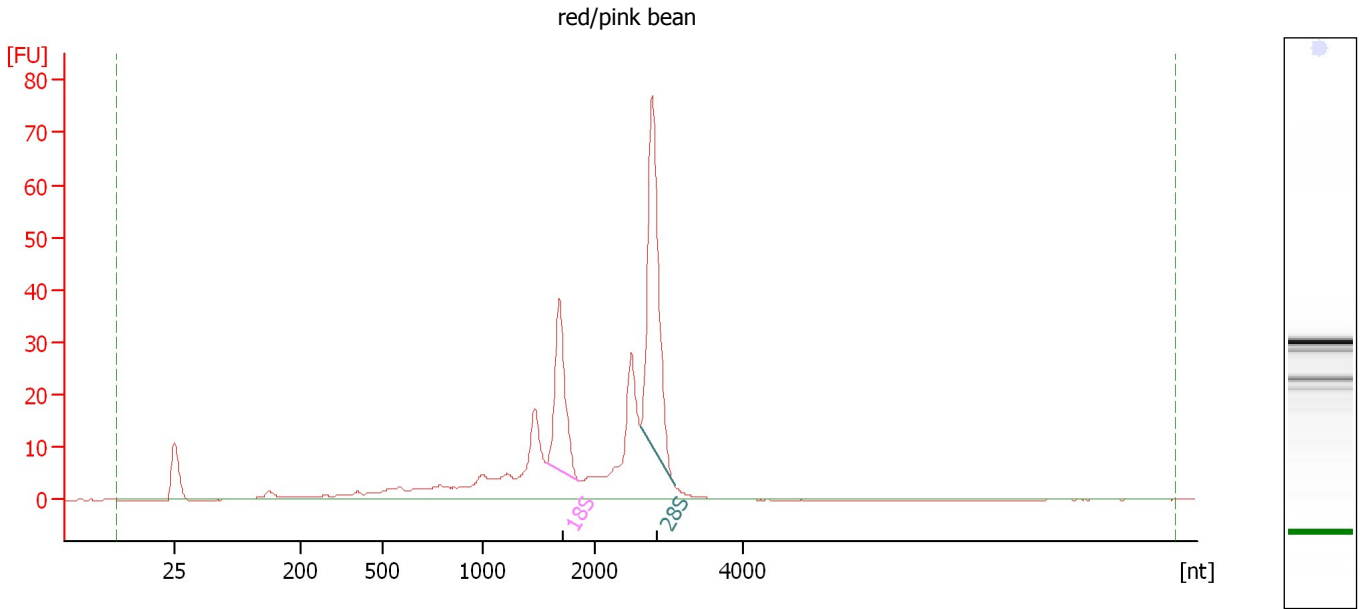
**Fragment table for sample 11 : leaves**

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,338	1,576	11.8	4.8
28S	2,195	3,521	48.5	19.9

Assay Class: Eukaryote Total RNA Nano  
 Data Path: C:\...alyzer\2100 expert\data\2017-04-28\2017-04-28\_003\_QC166.xad

Created: 4/28/2017 11:03:40 AM  
 Modified: 4/28/2017 11:27:59 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 12 : red/pink bean**

RNA Area:	349.8	RNA Integrity Number (RIN):	8.1 (B.02.08)
RNA Concentration:	209 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]:	2.0	Result Flagging Label:	RIN: 8.10

**Fragment table for sample 12 : red/pink bean**

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,571	1,865	44.8	12.8
28S	2,613	3,072	89.8	25.7

Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\...alyzer\2100 expert\data\2017-04-28\2017-04-28\_003\_QC166.xad

Created: 4/28/2017 11:03:40 AM  
Modified: 4/28/2017 11:27:59 AM

**Gel Image**

