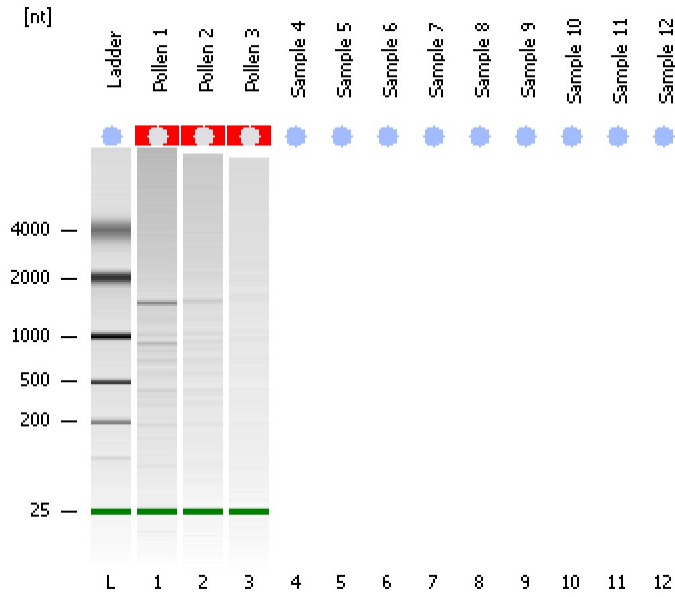


Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-27\2018-03-27\_004.xad

Created: 3/27/2018 12:14:31 PM  
Modified: 3/27/2018 12:25:53 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 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:



Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-27\2018-03-27\_004.xad

Created: 3/27/2018 12:14:31 PM  
Modified: 3/27/2018 12:25:53 PM

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

| Sample Name | Sample Comment | Status | Result Label      | Result Color |
|-------------|----------------|--------|-------------------|--------------|
| Pollen 1    |                | ✓      | RIN N/A           |              |
| Pollen 2    |                | ✓      | RIN N/A           |              |
| Pollen 3    |                | ✓      | RIN N/A           |              |
| Sample 4    |                |        |                   |              |
| Sample 5    |                |        |                   |              |
| Sample 6    |                |        |                   |              |
| Sample 7    |                |        |                   |              |
| Sample 8    |                |        |                   |              |
| Sample 9    |                |        |                   |              |
| Sample 10   |                |        |                   |              |
| Sample 11   |                |        |                   |              |
| Sample 12   |                |        |                   |              |
| Ladder      |                | ✓      | All Other Samples |              |

**Chip Lot #**

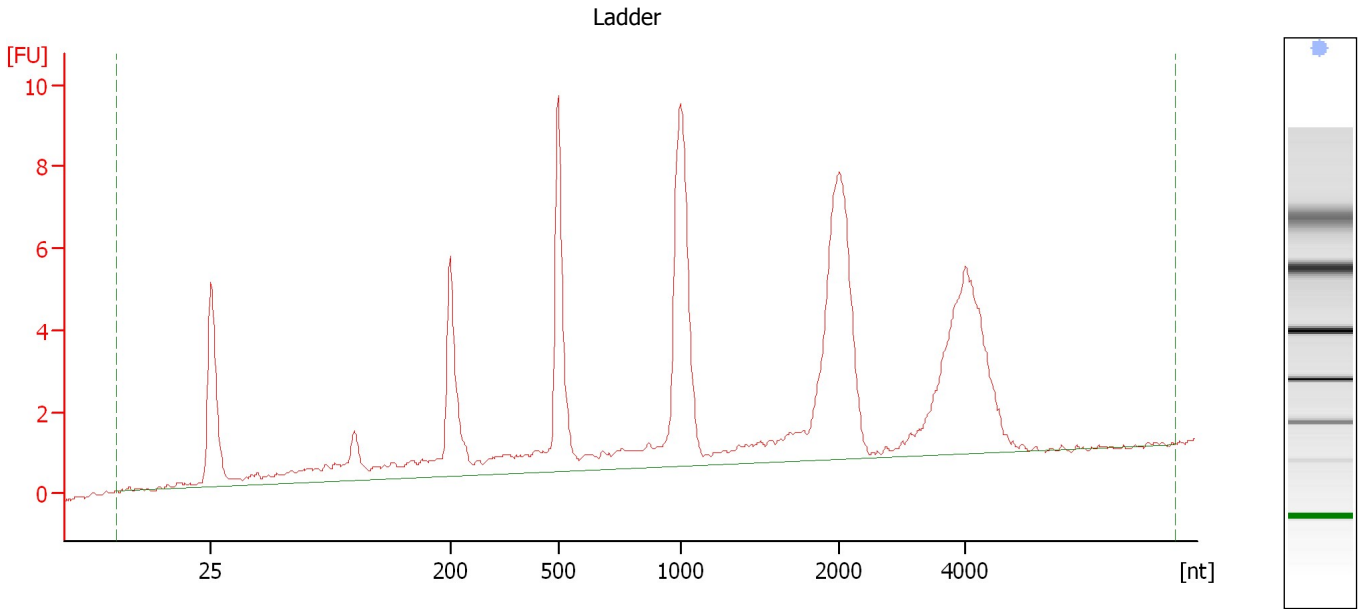
**Reagent Kit Lot #**

**Chip Comments :**

Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-27\2018-03-27\_004.xad

Created: 3/27/2018 12:14:31 PM  
Modified: 3/27/2018 12:25:53 PM

**Electropherogram Summary**



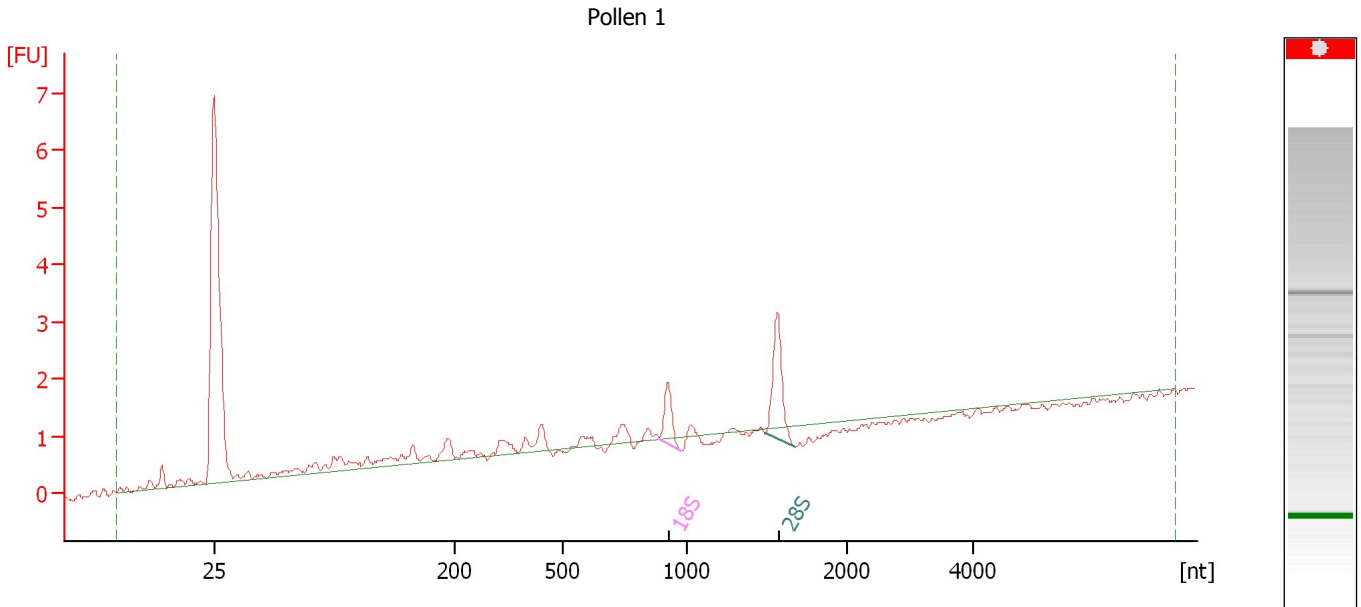
**Overall Results for Ladder**

|                    |           |                        |   |
|--------------------|-----------|------------------------|---|
| RNA Area:          | 92.6      | 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:\... bioanalyzer\2100 expert\data\2018-03-27\2018-03-27\_004.xad

Created: 3/27/2018 12:14:31 PM  
Modified: 3/27/2018 12:25:53 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 1 : Pollen 1**

|                         |          |                             |               |
|-------------------------|----------|-----------------------------|---------------|
| RNA Area:               | 9.6      | RNA Integrity Number (RIN): | N/A (B.02.08) |
| RNA Concentration:      | 16 ng/μl | Result Flagging Color:      |               |
| rRNA Ratio [28s / 18s]: | 2.2      | Result Flagging Label:      | RIN N/A       |

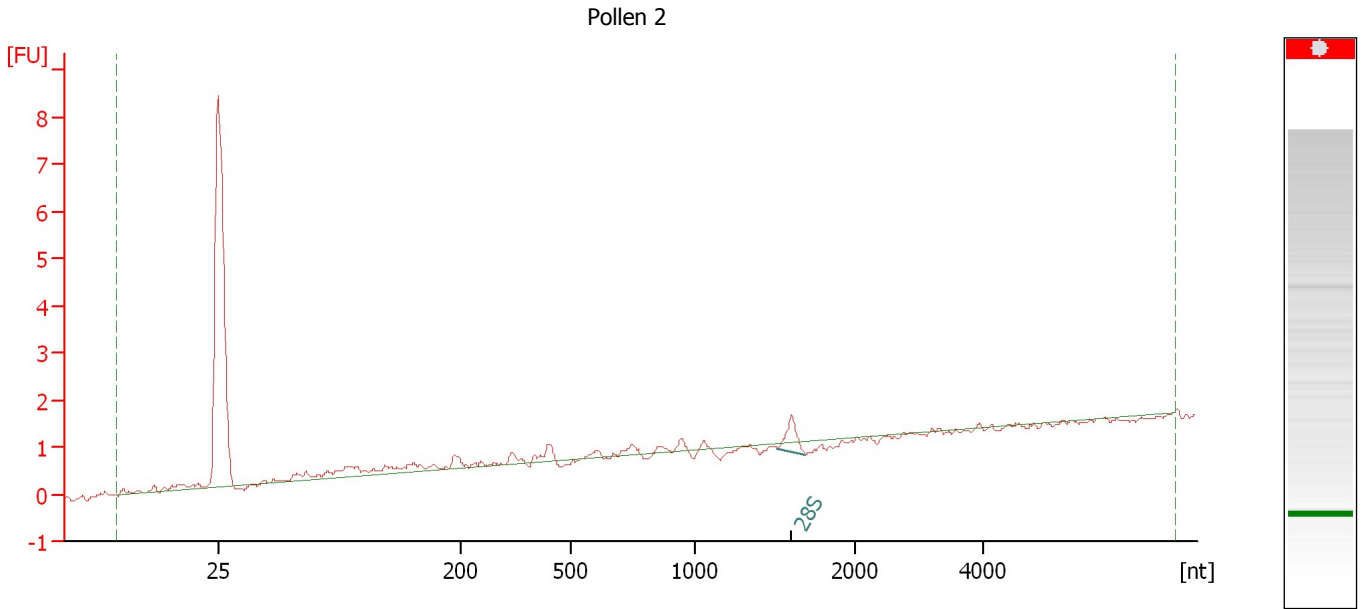
**Fragment table for sample 1 : Pollen 1**

| Name | Start Size [nt] | End Size [nt] | Area | % of total Area |
|------|-----------------|---------------|------|-----------------|
| 18S  | 892             | 974           | 1.0  | 10.5            |
| 28S  | 1,488           | 1,675         | 2.2  | 23.1            |

Assay Class: Eukaryote Total RNA Nano  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-27\2018-03-27\_004.xad

Created: 3/27/2018 12:14:31 PM  
 Modified: 3/27/2018 12:25:53 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 2 : Pollen 2**

|                         |          |                             |   |
|-------------------------|----------|-----------------------------|---|
| RNA Area:               | 7.8      | RNA Integrity Number (RIN): | N/A (B.02.08)   |
| RNA Concentration:      | 13 ng/μl | 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   |

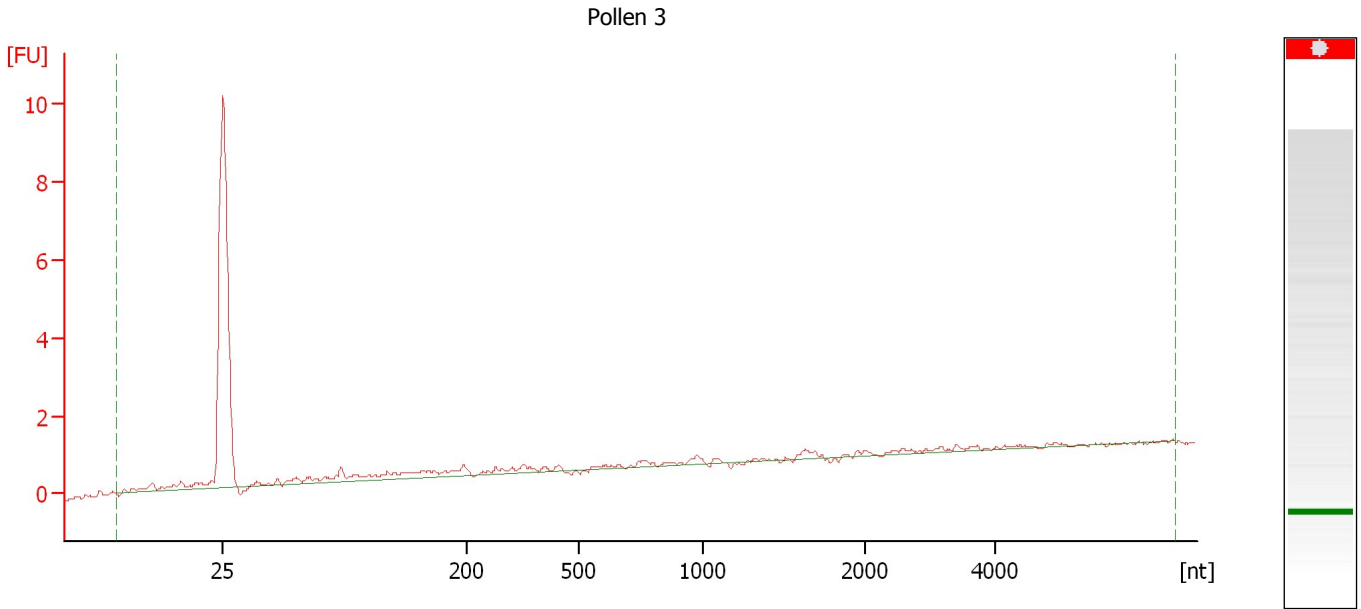
**Fragment table for sample 2 : Pollen 2**

| Name | Start Size [nt] | End Size [nt] | Area | % of total Area |
|------|-----------------|---------------|------|-----------------|
| 28S  | 1,513           | 1,685         | 0.8  | 10.4            |

Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-27\2018-03-27\_004.xad

Created: 3/27/2018 12:14:31 PM  
Modified: 3/27/2018 12:25:53 PM

**Electropherogram Summary Continued ...**



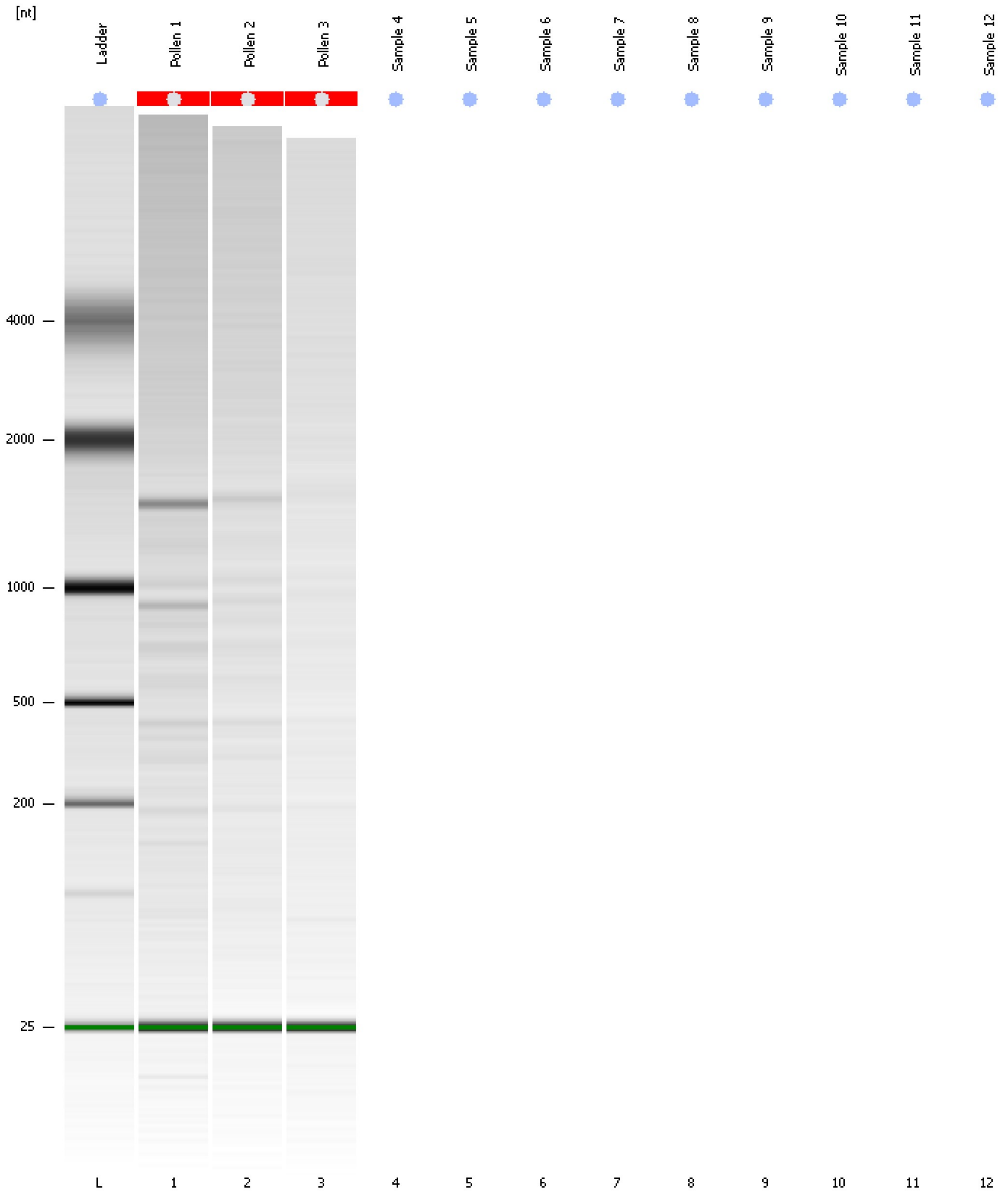
**Overall Results for sample 3 : Pollen 3**

|                         |          |                             |   |
|-------------------------|----------|-----------------------------|---|
| RNA Area:               | 10.3     | RNA Integrity Number (RIN): | N/A (B.02.08)   |
| RNA Concentration:      | 17 ng/μl | 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:\... bioanalyzer\2100 expert\data\2018-03-27\2018-03-27\_004.xad

Created: 3/27/2018 12:14:31 PM  
Modified: 3/27/2018 12:25:53 PM

**Gel Image**



Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-27\2018-03-27\_004.xad

Created: 3/27/2018 12:14:31 PM  
Modified: 3/27/2018 12:25:53 PM

**Invalid Samples**

Sample 4 has not been run, no results available.  
Sample 5 has not been run, no results available.  
Sample 6 has not been run, no results available.  
Sample 7 has not been run, no results available.  
Sample 8 has not been run, no results available.  
Sample 9 has not been run, no results available.  
Sample 10 has not been run, no results available.  
Sample 11 has not been run, no results available.  
Sample 12 has not been run, no results available.