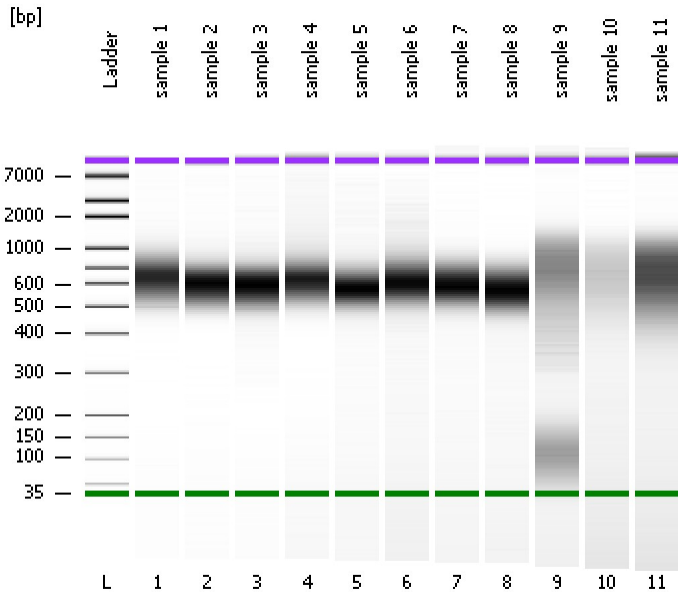


Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2013-11-04\2013-11-04\_001.xad

Created: 11/4/2013 2:23:55 PM  
Modified: 11/4/2013 3:15:00 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\dsDNA\High Sensitivity DNA.xsy  
Assay Class: High Sensitivity DNA Assay  
Version: 1.03  
Assay Comments: Copyright © 2003-2010 Agilent Technologies

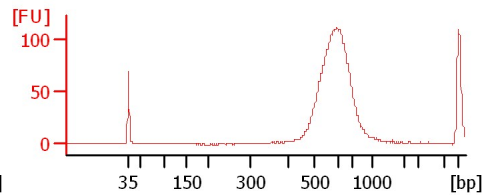
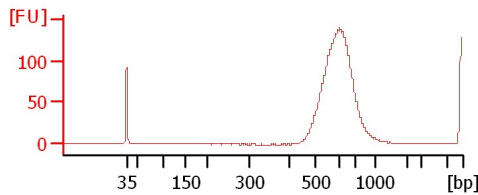
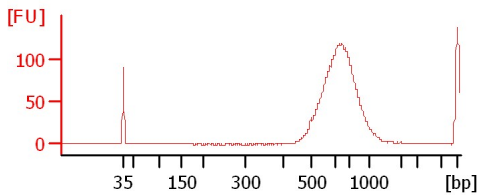
#### Chip Information:

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

sample 1

sample 2

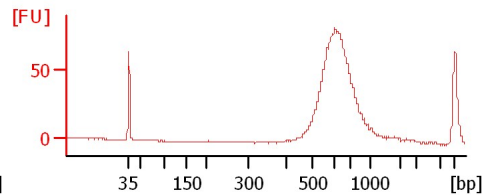
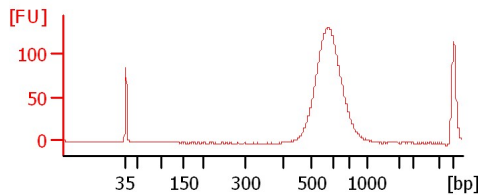
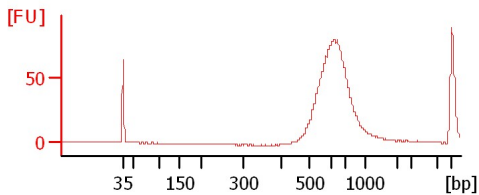
sample 3



sample 4

sample 5

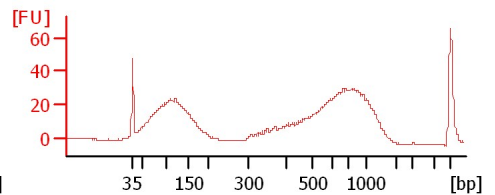
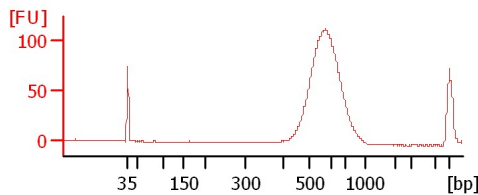
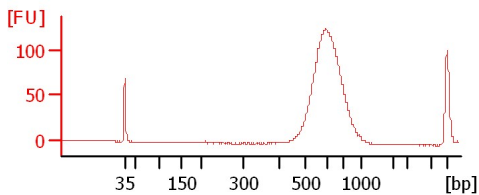
sample 6



sample 7

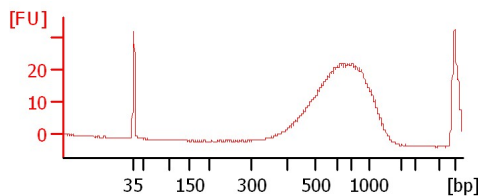
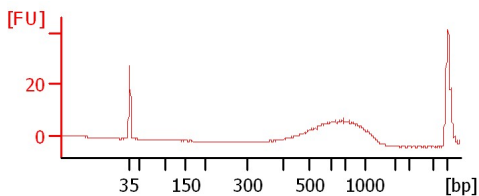
sample 8

sample 9



sample 10

sample 11



Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-11-04\2013-11-04\_001.xad

Created: 11/4/2013 2:23:55 PM  
 Modified: 11/4/2013 3:15:00 PM

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

| Sample Name | Sample Comment | Rest. Digest             | Status | Observation | Result Label | Result Color |
|-------------|----------------|--------------------------|--------|-------------|--------------|--------------|
| sample 1    |                | <input type="checkbox"/> | ✓      |             |              |              |
| sample 2    |                | <input type="checkbox"/> | ✓      |             |              |              |
| sample 3    |                | <input type="checkbox"/> | ✓      |             |              |              |
| sample 4    |                | <input type="checkbox"/> | ✓      |             |              |              |
| sample 5    |                | <input type="checkbox"/> | ✓      |             |              |              |
| sample 6    |                | <input type="checkbox"/> | ✓      |             |              |              |
| sample 7    |                | <input type="checkbox"/> | ✓      |             |              |              |
| sample 8    |                | <input type="checkbox"/> | ✓      |             |              |              |
| sample 9    |                | <input type="checkbox"/> | ✓      |             |              |              |
| sample 10   |                | <input type="checkbox"/> | ✓      |             |              |              |
| sample 11   |                | <input type="checkbox"/> | ✓      |             |              |              |
| Ladder      |                | <input type="checkbox"/> | ✓      |             |              |              |

**Chip Lot #**

**Reagent Kit Lot #**

**Chip Comments :**

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2013-11-04\2013-11-04\_001.xad

Created: 11/4/2013 2:23:55 PM  
Modified: 11/4/2013 3:15:00 PM

**Electrophoresis Assay Details**

**General Analysis Settings**

Number of Available Sample and Ladder Wells (Max.) : 12  
Minimum Visible Range [s] : 32  
Maximum Visible Range [s] : 138  
Start Analysis Time Range [s] : 33  
End Analysis Time Range [s] : 137.5  
Ladder Concentration [pg/μl] : 1950  
Uses Standard Area for Ladder Fragments  
Lower Marker Concentration [pg/μl] : 125  
Upper Marker Concentration [pg/μl] : 75  
Used Upper Marker for Quantitation  
Standard Curve Fit is Point to Point  
Show Data Aligned to Lower and Upper Marker

**Integrator Settings**

Integration Start Time [s] : 33.05  
Integration End Time [s] : 137  
Slope Threshold : 0.8  
Height Threshold [FU] : 5  
Area Threshold : 0.1  
Width Threshold [s] : 0.6  
Baseline Plateau [s] : 0.5

**Filter Settings**

Filter Width [s] : 0.5  
Polynomial Order : 4

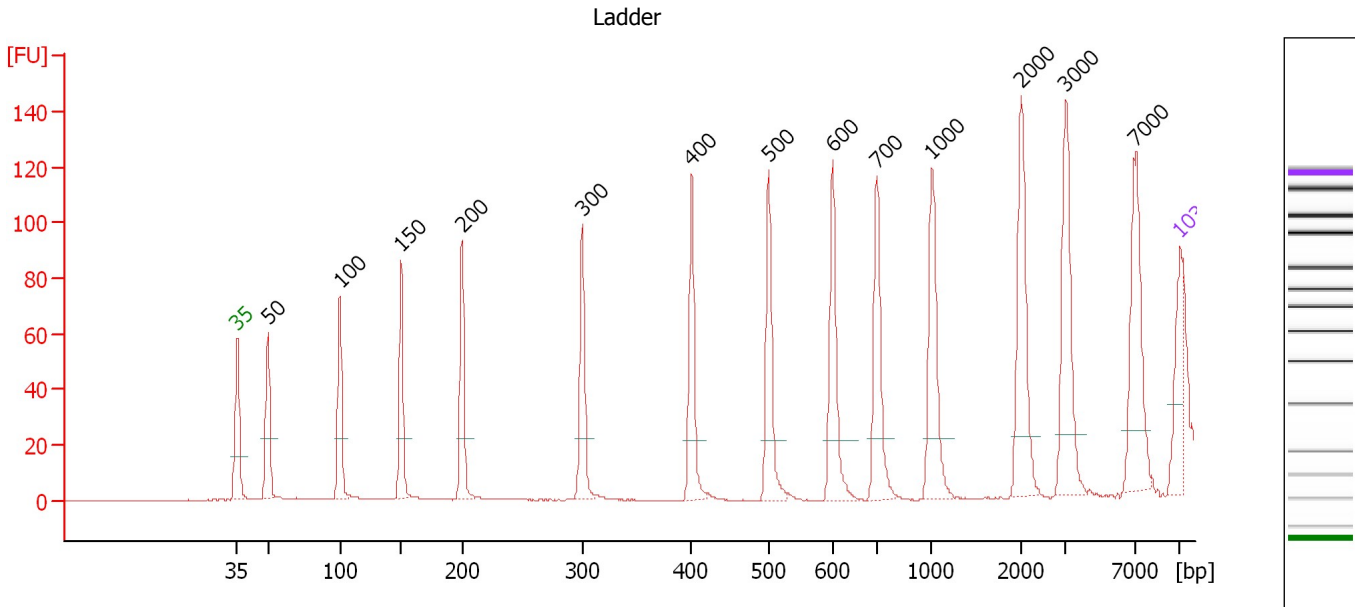
**Ladder**

| Ladder Peak | Size  | Area |
|-------------|-------|------|
| 1           | 35    | 160  |
| 2           | 50    | 210  |
| 3           | 100   | 208  |
| 4           | 150   | 221  |
| 5           | 200   | 242  |
| 6           | 300   | 270  |
| 7           | 400   | 305  |
| 8           | 500   | 306  |
| 9           | 600   | 336  |
| 10          | 700   | 321  |
| 11          | 1000  | 366  |
| 12          | 2000  | 413  |
| 13          | 3000  | 411  |
| 14          | 7000  | 400  |
| 15          | 10380 | 214  |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-11-04\2013-11-04\_001.xad

Created: 11/4/2013 2:23:55 PM  
 Modified: 11/4/2013 3:15:00 PM

**Electropherogram Summary**



**Overall Results for Ladder**

Noise: 0.2

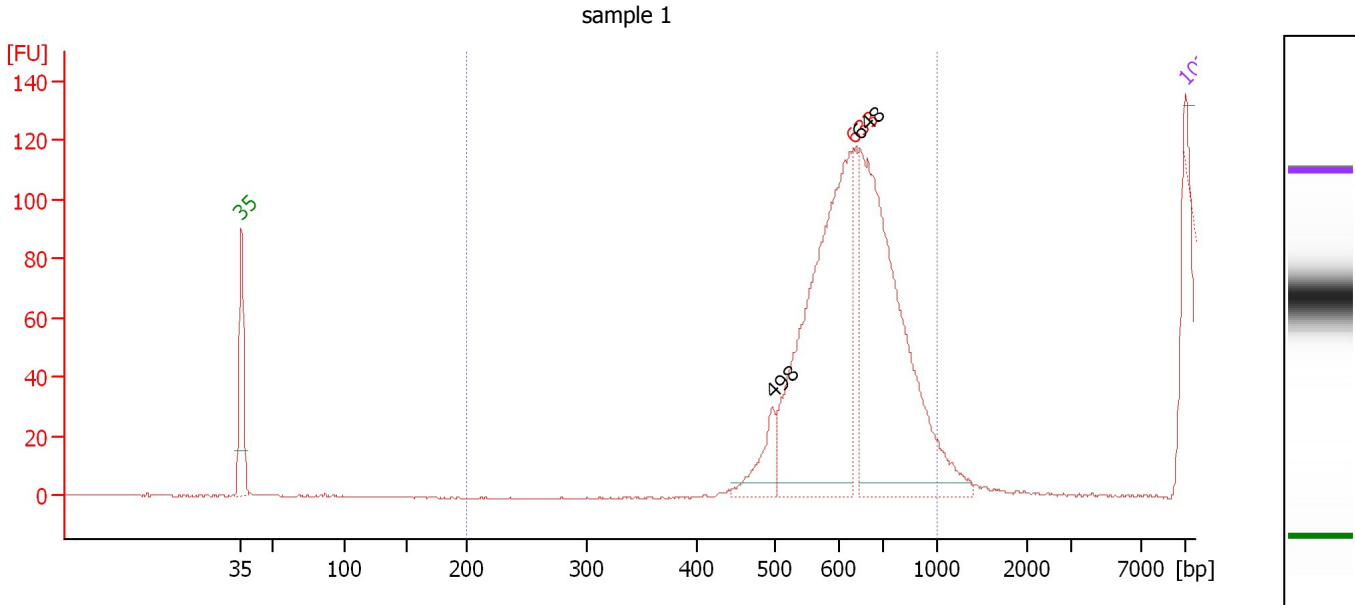
**Peak table for Ladder**

| Peak | Aligned Migration Time [s] | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|----------------------------|-----------|---------------|-------------------|--------------|
| 1    | 43.00                      | 35        | 125.00        | 5,411.3           | Lower Marker |
| 2    | 45.30                      | 50        | 150.00        | 4,545.5           | Ladder Peak  |
| 3    | 50.64                      | 100       | 150.00        | 2,272.7           | Ladder Peak  |
| 4    | 55.19                      | 150       | 150.00        | 1,515.2           | Ladder Peak  |
| 5    | 59.71                      | 200       | 150.00        | 1,136.4           | Ladder Peak  |
| 6    | 68.66                      | 300       | 150.00        | 757.6             | Ladder Peak  |
| 7    | 76.73                      | 400       | 150.00        | 568.2             | Ladder Peak  |
| 8    | 82.47                      | 500       | 150.00        | 454.5             | Ladder Peak  |
| 9    | 87.23                      | 600       | 150.00        | 378.8             | Ladder Peak  |
| 10   | 90.51                      | 700       | 150.00        | 324.7             | Ladder Peak  |
| 11   | 94.59                      | 1,000     | 150.00        | 227.3             | Ladder Peak  |
| 12   | 101.24                     | 2,000     | 150.00        | 113.6             | Ladder Peak  |
| 13   | 104.53                     | 3,000     | 150.00        | 75.8              | Ladder Peak  |
| 14   | 109.71                     | 7,000     | 150.00        | 32.5              | Ladder Peak  |
| 15   | 113.00                     | 10,380    | 75.00         | 10.9              | Upper Marker |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-11-04\2013-11-04\_001.xad

Created: 11/4/2013 2:23:55 PM  
 Modified: 11/4/2013 3:15:00 PM

**Electropherogram Summary Continued ...**



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

Number of peaks found: 2                      Corr. Area 1: 109.4  
 Noise: 0.2

**Peak table for sample 1 : sample 1**

| Peak | Aligned Migration Time [s] | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations  |
|------|----------------------------|-----------|---------------|-------------------|---------------|
| 1    | 43.00                      | 35        | 125.00        | 5,411.3           | Lower Marker  |
| 2    | 82.37                      | 498       | 910.68        | 2,769.9           |               |
| 3    | 88.30                      | 633       | 7,904.84      | 18,933.0          | excluded peak |
| 4    | 88.81                      | 648       | 8,032.61      | 18,774.9          |               |
| 5    | 113.00                     | 10,380    | 75.00         | 10.9              | Upper Marker  |

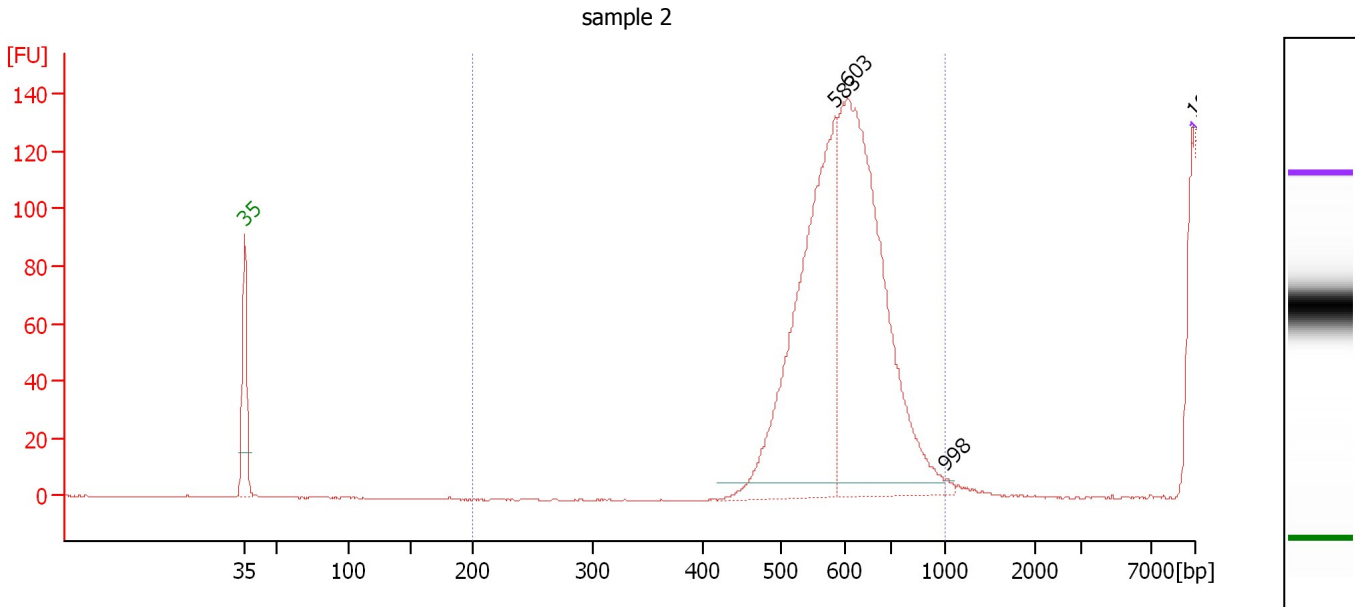
**Region table for sample 1 : sample 1**

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 200       | 1,000   | 636               | 4,090.5           | 1,714.33      | 109.4      | 100        | 4.8                         | Blue  |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-11-04\2013-11-04\_001.xad

Created: 11/4/2013 2:23:55 PM  
 Modified: 11/4/2013 3:15:00 PM

**Electropherogram Summary Continued ...**



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

Number of peaks found: 4                      Corr. Area 1: 489.0  
 Noise: 0.1

**Peak table for sample 2 : sample 2**

| Peak | Aligned Migration Time [s] | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|----------------------------|-----------|---------------|-------------------|--------------|
| 1    | 43.00                      | 35        | 125.00        | 5,411.3           | Lower Marker |
| 2    | 86.44                      | 583       | 0.00          | 0.0               |              |
| 3    | 87.34                      | 603       | 0.00          | 0.0               |              |
| 4    | 94.56                      | 998       | 0.00          | 0.0               |              |
| 5    | 112.76                     | 10,138    | 0.00          | 0.0               |              |
| 6    | 113.00                     | 10,380    | 75.00         | 10.9              | Upper Marker |

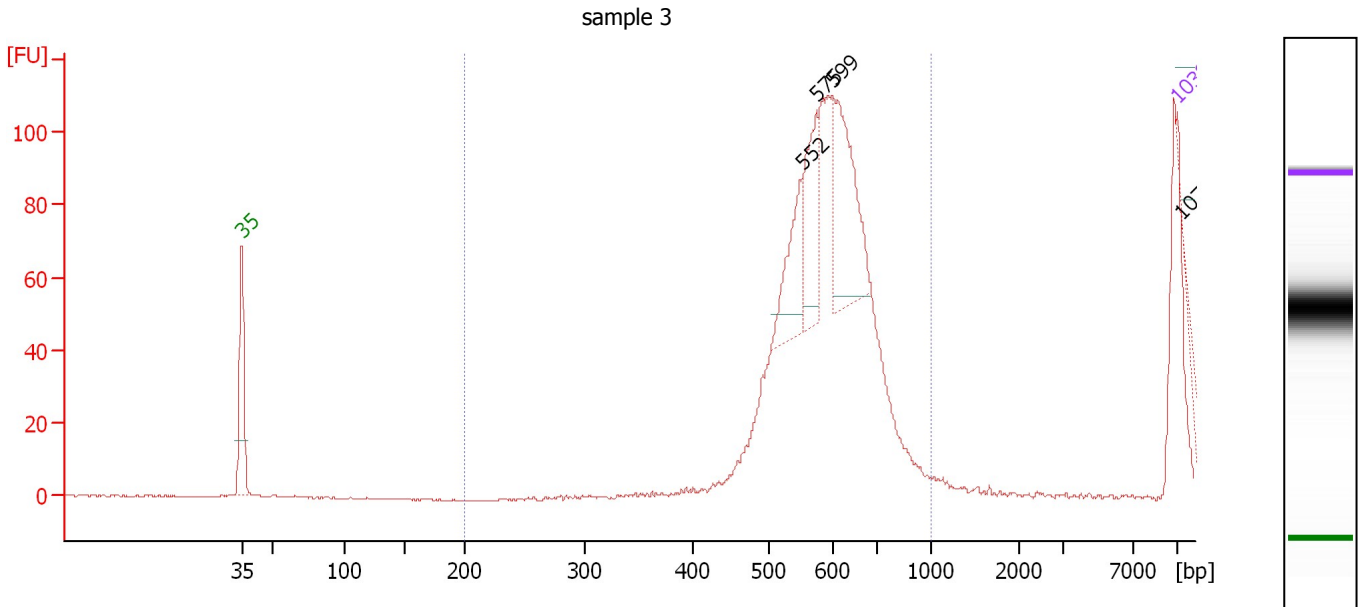
**Region table for sample 2 : sample 2**

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 200       | 1,000   | 599               | 0.0               | 0.00          | 489.0      | 100        | 7.0                         | Blue  |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-11-04\2013-11-04\_001.xad

Created: 11/4/2013 2:23:55 PM  
 Modified: 11/4/2013 3:15:00 PM

**Electropherogram Summary Continued ...**



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

Number of peaks found: 4                      Corr. Area 1: 720.9  
 Noise: 0.2

**Peak table for sample 3 : sample 3**

| Peak | Aligned Migration Time [s] | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|----------------------------|-----------|---------------|-------------------|--------------|
| 1    | 43.00                      | 35        | 125.00        | 5,411.3           | Lower Marker |
| 2    | 84.94                      | 552       | 10,732.35     | 29,459.0          |              |
| 3    | 86.02                      | 575       | 11,953.79     | 31,516.8          |              |
| 4    | 87.18                      | 599       | 20,058.26     | 50,734.2          |              |
| 5    | 113.00                     | 10,380    | 75.00         | 10.9              | Upper Marker |
| 6    | 113.32                     | 10,708    | 0.00          | 0.0               |              |

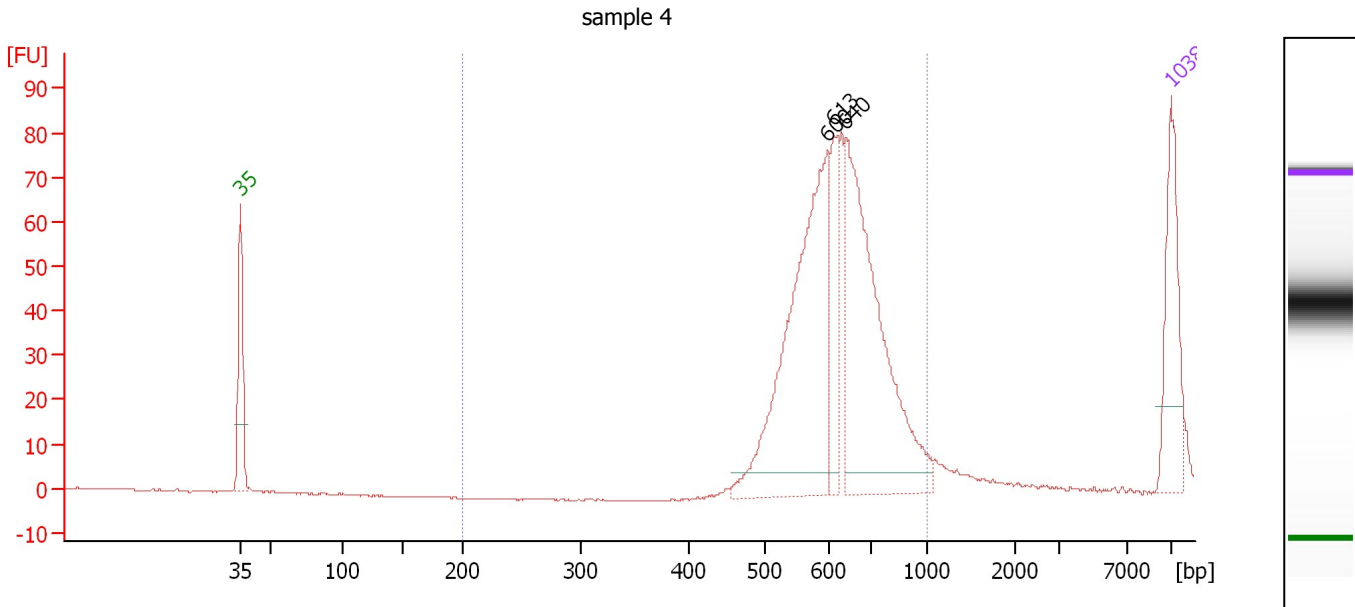
**Region table for sample 3 : sample 3**

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 200       | 1,000   | 595               | 297,008.8         | 115,423.38    | 720.9      | 96         | 9.7                         | Blue  |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-11-04\2013-11-04\_001.xad

Created: 11/4/2013 2:23:55 PM  
 Modified: 11/4/2013 3:15:00 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 4 : sample 4**

Number of peaks found: 3                      Corr. Area 1: 543.8  
 Noise: 0.2

**Peak table for sample 4 : sample 4**

| Peak | Aligned Migration Time [s] | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|----------------------------|-----------|---------------|-------------------|--------------|
| 1    | 43.00                      | 35        | 125.00        | 5,411.3           | Lower Marker |
| 2    | 87.21                      | 600       | 346.25        | 874.9             |              |
| 3    | 87.65                      | 613       | 73.72         | 182.3             |              |
| 4    | 88.53                      | 640       | 322.15        | 763.0             |              |
| 5    | 113.00                     | 10,380    | 75.00         | 10.9              | Upper Marker |

**Region table for sample 4 : sample 4**

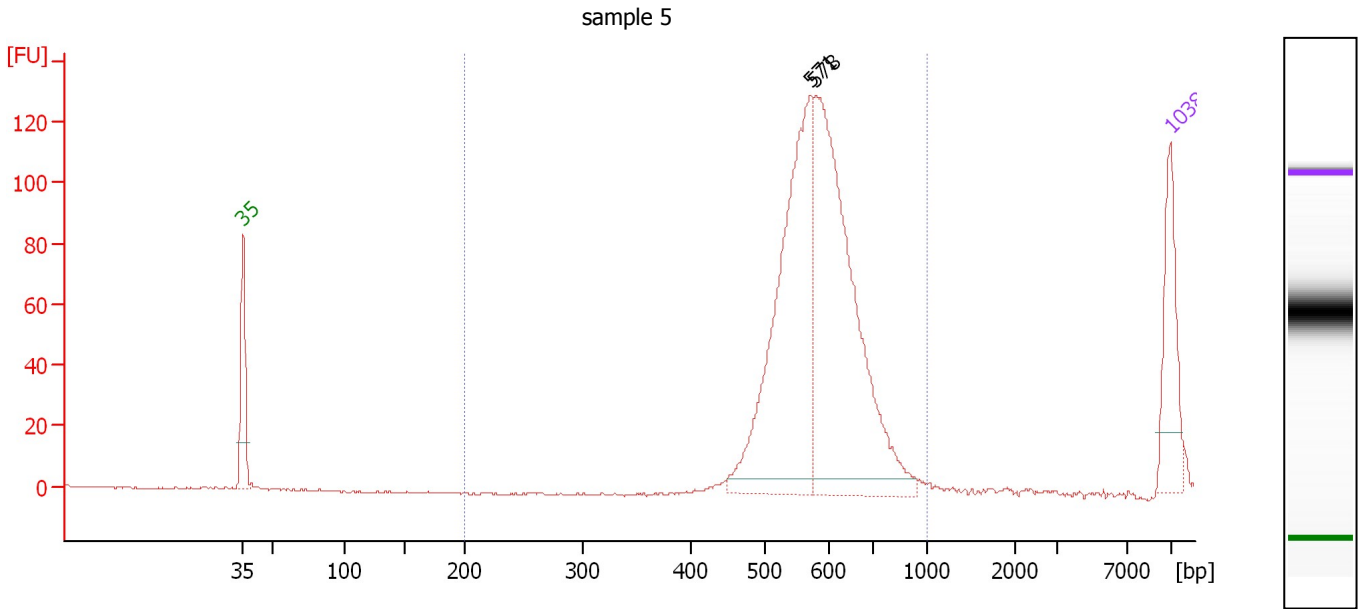
| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 200       | 1,000   | 630               | 1,535.7           | 628.34        | 543.8      | 100        | 12.5                        | Blue  |



Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-11-04\2013-11-04\_001.xad

Created: 11/4/2013 2:23:55 PM  
 Modified: 11/4/2013 3:15:00 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 5 : sample 5**

Number of peaks found: 2                      Corr. Area 1: 900.0  
 Noise: 0.2

**Peak table for sample 5 : sample 5**

| Peak | Aligned Migration Time [s] | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|----------------------------|-----------|---------------|-------------------|--------------|
| 1    | 43.00                      | 35        | 125.00        | 5,411.3           | Lower Marker |
| 2    | 85.87                      | 571       | 422.56        | 1,120.3           |              |
| 3    | 86.19                      | 578       | 485.11        | 1,271.1           |              |
| 4    | 113.00                     | 10,380    | 75.00         | 10.9              | Upper Marker |

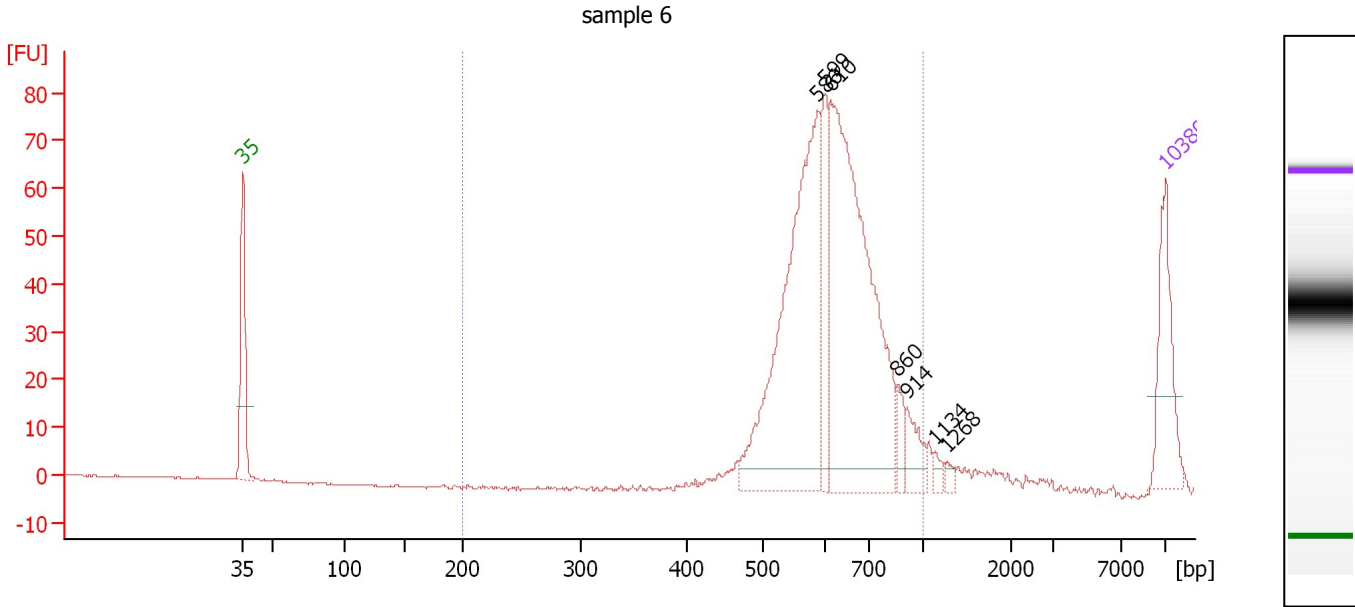
**Region table for sample 5 : sample 5**

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 200       | 1,000   | 587               | 2,119.0           | 811.19        | 900.0      | 100        | 10.2                        | Blue  |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-11-04\2013-11-04\_001.xad

Created: 11/4/2013 2:23:55 PM  
 Modified: 11/4/2013 3:15:00 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 6 : sample 6**

Number of peaks found: 7                      Corr. Area 1: 690.2  
 Noise: 0.2

**Peak table for sample 6 : sample 6**

| Peak | Aligned Migration Time [s] | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|----------------------------|-----------|---------------|-------------------|--------------|
| 1    | 43.00                      | 35        | 125.00        | 5,411.3           | Lower Marker |
| 2    | 86.58                      | 586       | 433.56        | 1,120.3           |              |
| 3    | 87.18                      | 599       | 92.55         | 234.0             |              |
| 4    | 87.55                      | 610       | 485.95        | 1,207.3           |              |
| 5    | 92.69                      | 860       | 22.64         | 39.9              |              |
| 6    | 93.42                      | 914       | 32.14         | 53.3              |              |
| 7    | 95.48                      | 1,134     | 9.09          | 12.2              |              |
| 8    | 96.37                      | 1,268     | 6.82          | 8.2               |              |
| 9    | 113.00                     | 10,380    | 75.00         | 10.9              | Upper Marker |

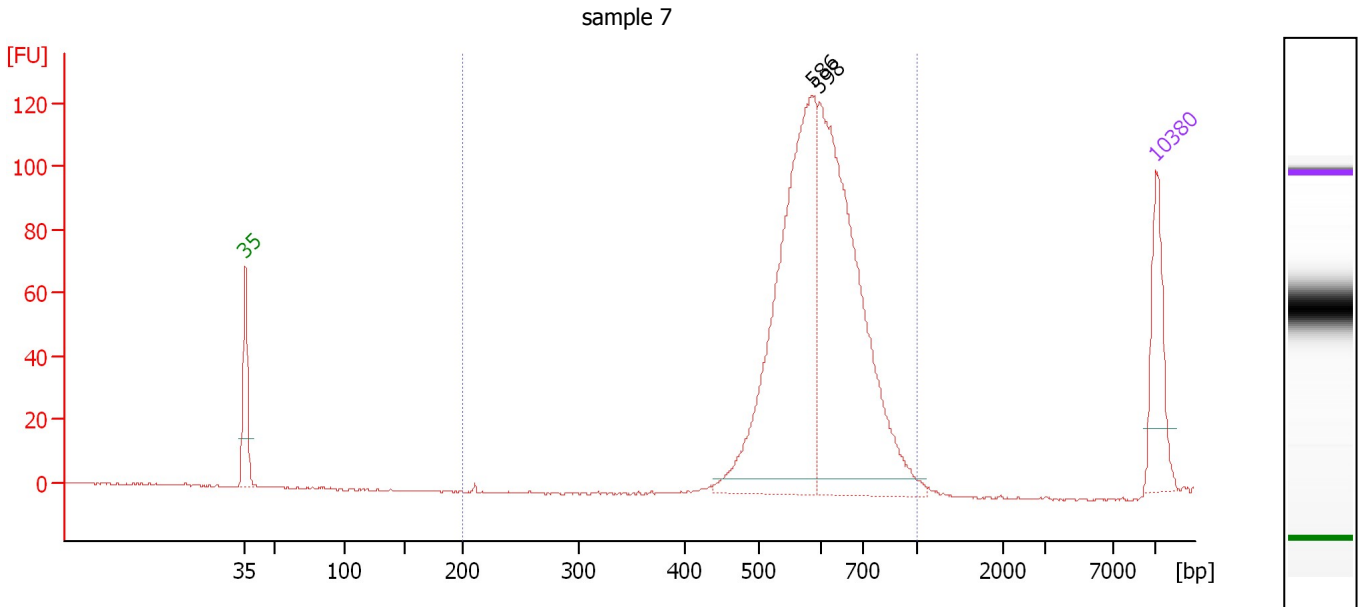
**Region table for sample 6 : sample 6**

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 200       | 1,000   | 631               | 2,560.5           | 1,040.00      | 690.2      | 96         | 15.7                        | Blue  |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-11-04\2013-11-04\_001.xad

Created: 11/4/2013 2:23:55 PM  
 Modified: 11/4/2013 3:15:00 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 7 : sample 7**

Number of peaks found: 2                      Corr. Area 1: 1,011.5  
 Noise: 0.2

**Peak table for sample 7 : sample 7**

| Peak | Aligned Migration Time [s] | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|----------------------------|-----------|---------------|-------------------|--------------|
| 1    | 43.00                      | 35        | 125.00        | 5,411.3           | Lower Marker |
| 2    | 86.57                      | 586       | 529.81        | 1,369.6           |              |
| 3    | 87.14                      | 598       | 528.53        | 1,338.7           |              |
| 4    | 113.00                     | 10,380    | 75.00         | 10.9              | Upper Marker |

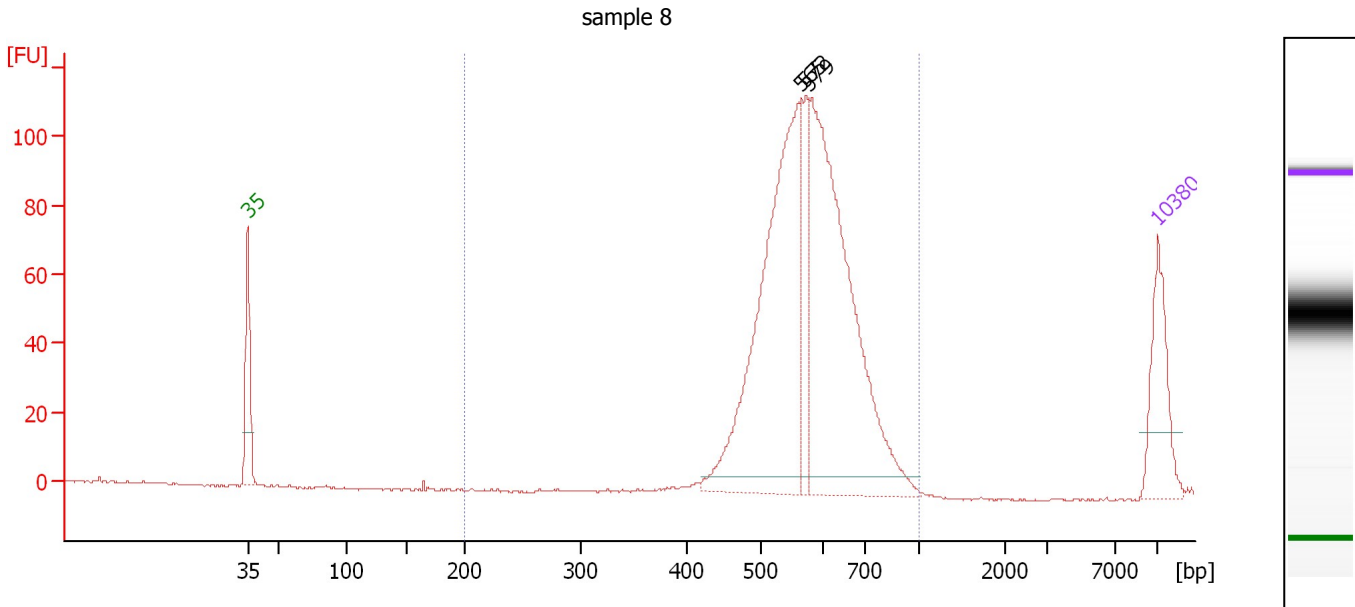
**Region table for sample 7 : sample 7**

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 200       | 1,000   | 613               | 2,591.0           | 1,027.33      | 1,011.5    | 100        | 13.7                        | Blue  |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-11-04\2013-11-04\_001.xad

Created: 11/4/2013 2:23:55 PM  
 Modified: 11/4/2013 3:15:00 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 8 : sample 8**

Number of peaks found: 3                      Corr. Area 1: 992.1  
 Noise: 0.2

**Peak table for sample 8 : sample 8**

| Peak | Aligned Migration Time [s] | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|----------------------------|-----------|---------------|-------------------|--------------|
| 1    | 43.00                      | 35        | 125.00        | 5,411.3           | Lower Marker |
| 2    | 85.57                      | 565       | 496.56        | 1,331.4           |              |
| 3    | 85.89                      | 572       | 76.61         | 202.9             |              |
| 4    | 86.22                      | 579       | 510.25        | 1,335.5           |              |
| 5    | 113.00                     | 10,380    | 75.00         | 10.9              | Upper Marker |

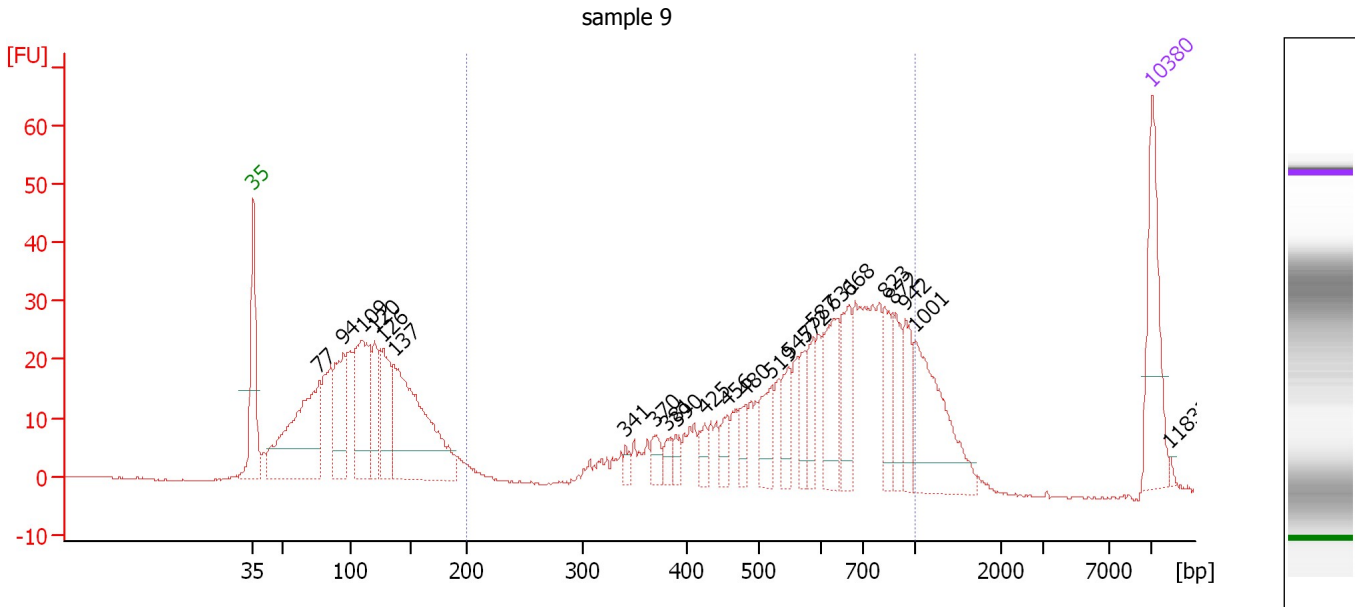
**Region table for sample 8 : sample 8**

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 200       | 1,000   | 583               | 2,792.5           | 1,053.74      | 992.1      | 100        | 13.0                        | Blue  |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-11-04\2013-11-04\_001.xad

Created: 11/4/2013 2:23:55 PM  
 Modified: 11/4/2013 3:15:00 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 9 : sample 9**

Number of peaks found: 24                      Corr. Area 1: 485.7  
 Noise: 0.2

**Peak table for sample 9 : sample 9**

| Peak | Aligned Migration Time [s] | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|----------------------------|-----------|---------------|-------------------|--------------|
| 1    | 43.00                      | 35        | 125.00        | 5,411.3           | Lower Marker |
| 2    | 48.15                      | 77        | 239.91        | 4,738.9           |              |
| 3    | 49.98                      | 94        | 104.93        | 1,694.8           |              |
| 4    | 51.47                      | 109       | 156.76        | 2,176.0           |              |
| 5    | 52.47                      | 120       | 63.70         | 803.6             |              |
| 6    | 53.05                      | 126       | 82.19         | 984.6             |              |
| 7    | 53.97                      | 137       | 264.09        | 2,930.9           |              |
| 8    | 72.00                      | 341       | 8.97          | 39.8              |              |
| 9    | 74.28                      | 370       | 17.79         | 72.9              |              |
| 10   | 75.24                      | 381       | 12.77         | 50.7              |              |
| 11   | 75.94                      | 390       | 12.52         | 48.6              |              |
| 12   | 78.19                      | 425       | 16.44         | 58.6              |              |
| 13   | 79.93                      | 456       | 18.77         | 62.4              |              |
| 14   | 81.34                      | 480       | 17.08         | 53.9              |              |
| 15   | 83.38                      | 519       | 38.45         | 112.2             |              |
| 16   | 84.71                      | 547       | 35.50         | 98.3              |              |
| 17   | 85.91                      | 572       | 25.58         | 67.7              |              |
| 18   | 86.62                      | 587       | 32.50         | 83.8              |              |
| 19   | 88.24                      | 631       | 68.26         | 163.9             |              |
| 20   | 89.45                      | 668       | 53.38         | 121.2             |              |
| 21   | 92.19                      | 823       | 41.27         | 75.9              |              |
| 22   | 92.85                      | 872       | 38.26         | 66.5              |              |
| 23   | 93.81                      | 942       | 36.59         | 58.8              |              |
| 24   | 94.60                      | 1,001     | 111.06        | 168.1             |              |
| 25   | 113.00                     | 10,380    | 75.00         | 10.9              | Upper Marker |


Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2013-11-04\2013-11-04\_001.xad

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**Electropherogram Summary Continued ...****... Peak table for sample 9 : sample 9**

| Peak | Aligned Migration Time [s] | Size [bp] | Conc. [pg/ $\mu$ l] | Molarity [pmol/l] | Observations |
|------|----------------------------|-----------|---------------------|-------------------|--------------|
| 26   | 114.41                     | 11,833    | 0.00                | 0.0               |              |

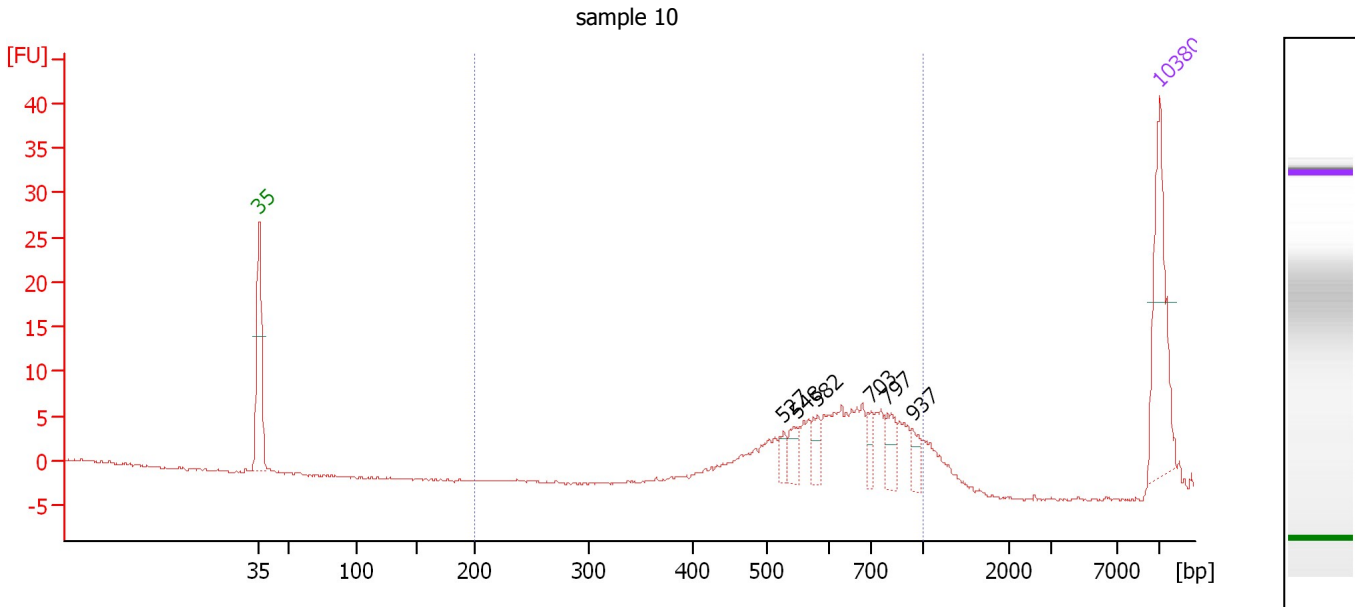
**Region table for sample 9 : sample 9**

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/ $\mu$ l] | Corr. Area | % of Total | Size distribution in CV [%] | Color   |
|-----------|---------|-------------------|-------------------|---------------------|------------|------------|-----------------------------|---|
| 200       | 1,000   | 622               | 2,185.1           | 792.42              | 485.7      | 48         | 27.9                        |  |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-11-04\2013-11-04\_001.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 10 : sample 10**

Number of peaks found: 6                      Corr. Area 1: 102.3  
 Noise: 0.2

**Peak table for sample 10 : sample 10**

| Peak | Aligned Migration Time [s] | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|----------------------------|-----------|---------------|-------------------|--------------|
| 1    | 43.00                      | 35        | 125.00        | 5,411.3           | Lower Marker |
| 2    | 83.76                      | 527       | 11.19         | 32.2              |              |
| 3    | 84.75                      | 548       | 16.95         | 46.9              |              |
| 4    | 86.37                      | 582       | 16.38         | 42.6              |              |
| 5    | 90.55                      | 703       | 13.14         | 28.3              |              |
| 6    | 91.83                      | 797       | 21.02         | 39.9              |              |
| 7    | 93.74                      | 937       | 12.60         | 20.4              |              |
| 8    | 113.00                     | 10,380    | 75.00         | 10.9              | Upper Marker |

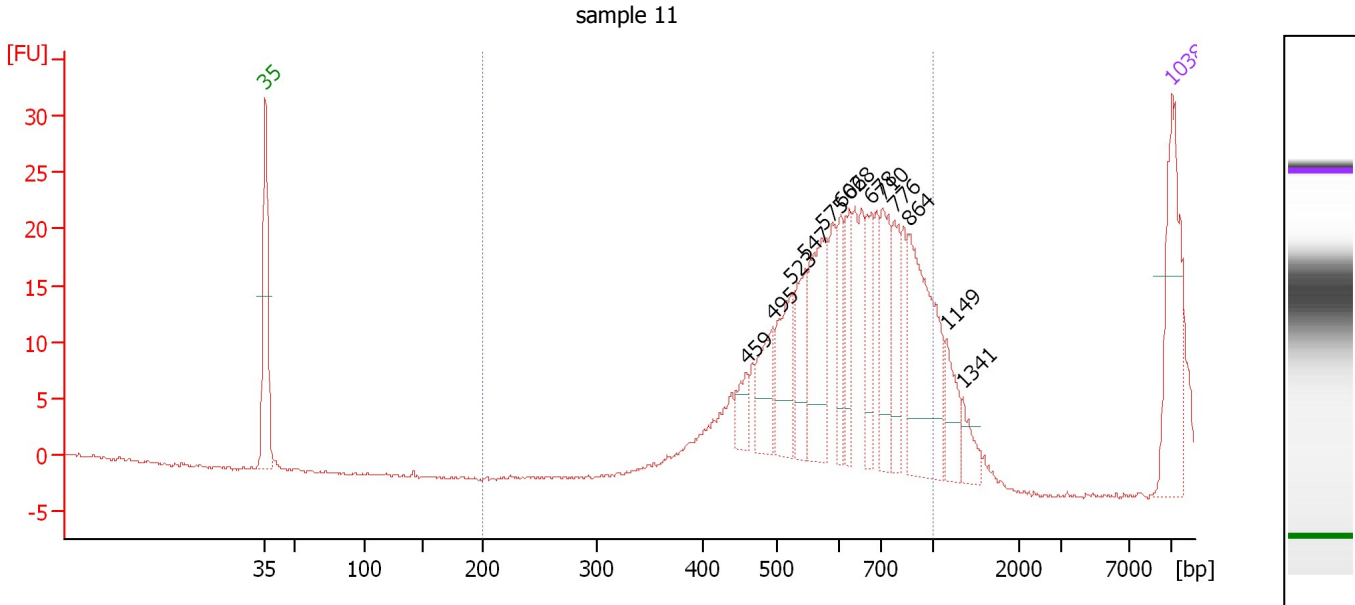
**Region table for sample 10 : sample 10**

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 200       | 1,000   | 657               | 627.7             | 257.78        | 102.3      | 92         | 21.5                        | Blue  |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-11-04\2013-11-04\_001.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 11 : sample 11**

Number of peaks found: 13                      Corr. Area 1: 188.5  
 Noise: 0.1

**Peak table for sample 11 : sample 11**

| Peak | Aligned Migration Time [s] | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|----------------------------|-----------|---------------|-------------------|--------------|
| 1    | 43.00                      | 35        | 125.00        | 5,411.3           | Lower Marker |
| 2    | 80.14                      | 459       | 22.30         | 73.6              |              |
| 3    | 82.16                      | 495       | 46.56         | 142.6             |              |
| 4    | 83.56                      | 523       | 58.94         | 170.8             |              |
| 5    | 84.71                      | 547       | 49.03         | 135.8             |              |
| 6    | 86.03                      | 575       | 87.86         | 231.6             |              |
| 7    | 87.43                      | 606       | 33.43         | 83.6              |              |
| 8    | 88.13                      | 628       | 37.07         | 89.5              |              |
| 9    | 89.78                      | 678       | 34.91         | 78.1              |              |
| 10   | 90.64                      | 710       | 59.17         | 126.3             |              |
| 11   | 91.55                      | 776       | 42.52         | 83.0              |              |
| 12   | 92.74                      | 864       | 127.12        | 222.9             |              |
| 13   | 95.58                      | 1,149     | 29.06         | 38.3              |              |
| 14   | 96.86                      | 1,341     | 17.37         | 19.6              |              |
| 15   | 113.00                     | 10,380    | 75.00         | 10.9              | Upper Marker |

**Region table for sample 11 : sample 11**

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 200       | 1,000   | 664               | 1,147.4           | 481.26        | 188.5      | 96         | 19.8                        | Blue  |



Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2013-11-04\2013-11-04\_001.xad

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**Gel Image**

