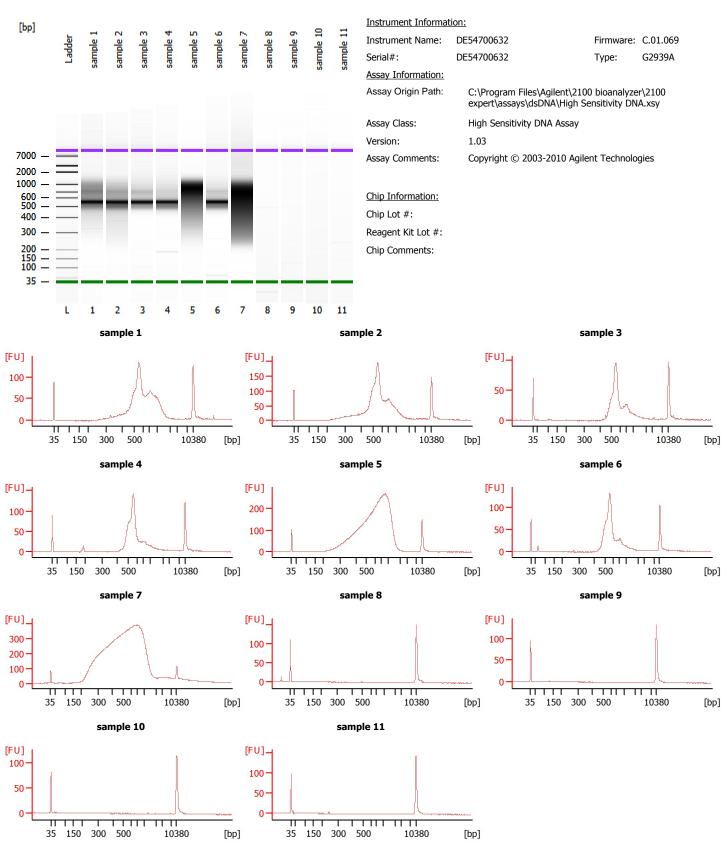
Assay Class: High Sensitivity DNA Assay Created: 9/5/2019 2:26:30 PM Data Path: C:\...gh Sensitivity DNA Assay\_DE54700632\_2019-09-05\_14-26-31.xad Created: 9/5/2019 2:26:30 PM Modified: 9/5/2019 3:31:57 PM

## **Electrophoresis File Run Summary**



Page 2 of 18

High Sensitivity DNA Assay C:\...gh Sensitivity DNA Assay\_DE54700632\_2019-09-05\_14-26-31.xad 9/5/2019 2:26:30 PM 9/5/2019 3:31:57 PM Assay Class: Created: Modified: Data Path: **Electrophoresis File Run Summary (Chip Summary) Sample Name Sample Comment** Rest. Digest Status Observation **Result Label** Res ult Col or sample 1 sample 2 sample 3 sample 4 sample 5 sample 6 sample 7 sample 8 sample 9 sample 10 sample 11 Ladder Chip Lot # Reagent Kit Lot #

**Chip Comments:** 

Page 3 of 18

Assay Class: High Sensitivity DNA Assay Created: 9/5/2019 2:26:30 PM Data Path: C:\...gh Sensitivity DNA Assay\_DE54700632\_2019-09-05\_14-26-31.xad Created: 9/5/2019 2:26:30 PM Modified: 9/5/2019 3:31:57 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**

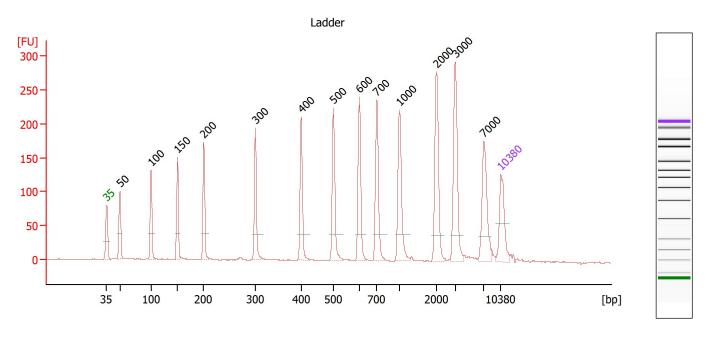
Filter Width [s]: 0.5 Polynomial Order: 4

## 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 C:\...gh Sensitivity DNA Assay\_DE54700632\_2019-09-05\_14-26-31.xad C:\...gh Sensitivity DNA Assay\_DE54700632\_2019-09-05\_14-26-31.xad C:\...gh Sensitivity DNA Assay\_DE54700632\_2019-09-05\_14-26-31.xad Sensitivity DNA Assay\_DNA Sensitivity DNA Sensitivity DN

#### **Electropherogram Summary**



#### **Overall Results for Ladder**

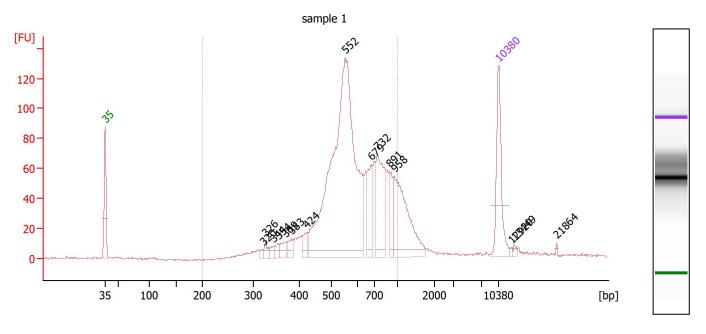
| Peak | table | for | Ladder |
|------|-------|-----|--------|
| rcan | cavic | 101 | Lauuci |

| Peak |   | Size [bp] | Conc. [pg/µl] | Molarity [pmol/l] | Observations |
|------|---|-----------|---------------|-------------------|--------------|
| 1    | 4 | 35        | 125.00        | 5,411.3           | Lower Marker |
| 2    | L | 50        | 150.00        | 4,545.5           | Ladder Peak  |
| 3    | L | 100       | 150.00        | 2,272.7           | Ladder Peak  |
| 4    |   | 150       | 150.00        | 1,515.2           | Ladder Peak  |
| 5    | L | 200       | 150.00        | 1,136.4           | Ladder Peak  |
| 6    | L | 300       | 150.00        | 757.6             | Ladder Peak  |
| 7    |   | 400       | 150.00        | 568.2             | Ladder Peak  |
| 8    |   | 500       | 150.00        | 454.5             | Ladder Peak  |
| 9    |   | 600       | 150.00        | 378.8             | Ladder Peak  |
| 10   | L | 700       | 150.00        | 324.7             | Ladder Peak  |
| 11   |   | 1,000     | 150.00        | 227.3             | Ladder Peak  |
| 12   |   | 2,000     | 150.00        | 113.6             | Ladder Peak  |
| 13   | L | 3,000     | 150.00        | 75.8              | Ladder Peak  |
| 14   |   | 7,000     | 150.00        | 32.5              | Ladder Peak  |
| 15   |   | 10,380    | 75.00         | 10.9              | Upper Marker |

Page 5 of 18

Assay Class: High Sensitivity DNA Assay C:\...gh Sensitivity DNA Assay\_DE54700632\_2019-09-05\_14-26-31.xad Created: 9/5/2019 2:26:30 PM Modified: 9/5/2019 3:31:57 PM

## **Electropherogram Summary Continued ...**



# Overall Results for sample 1 : sample 1

Number of peaks found: 15 Corr. Area 1: 1,298.2

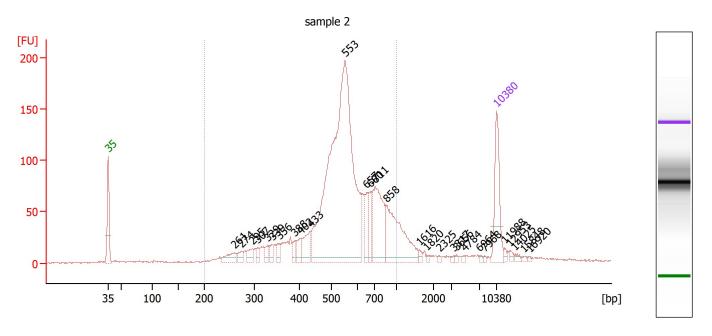
| Peak table | for sample 1: | sample 1      |                   |              |
|------------|---------------|---------------|-------------------|--------------|
| Peak       | Size [bp]     | Conc. [pg/µl] | Molarity [pmol/l] | Observations |
| 1          | 35            | 125.00        | 5,411.3           | Lower Marker |
| 2          | 320           | 5.31          | 25.1              |              |
| 3          | 326           | 10.43         | 48.4              |              |
| 4          | 344           | 9.13          | 40.3              |              |
| 5          | 354           | 10.04         | 43.0              |              |
| 6          | 369           | 16.04         | 65.8              |              |
| 7          | 383           | 16.67         | 65.9              |              |
| 8          | 424           | 17.17         | 61.4              |              |
| 9          | 552           | 658.44        | 1,806.0           |              |
| 10         | 679           | 57.72         | 128.8             |              |
| 11         | 732           | 112.02        | 231.9             |              |
| 12         | 891           | 34.48         | 58.6              |              |
| 13         | 958           | 140.97        | 222.9             |              |
| 14         | 10,380        | 75.00         | 10.9              | Upper Marker |
| 15         | 12,920        | 0.00          | 0.0               |              |
| 16         | 13,449        | 0.00          | 0.0               |              |
| 17         | 21,864        | 0.00          | 0.0               |              |
|            |               |               |                   |              |

| Pagion | table | for | sample | 1 | sample 1 |
|--------|-------|-----|--------|---|----------|
| Region | table | тог | samble | 1 | samble 1 |

| From<br>[bp] | To [bp | ] Corr.<br>Area | % of<br>Total | Average Size [bp] | Size distribution in CV [%] | Conc.<br>[pg/µl] | Molarity<br>[pmol/l] | Co<br>lor |
|--------------|--------|-----------------|---------------|-------------------|-----------------------------|------------------|----------------------|-----------|
| 200          | 1,000  | 1,298.2         | 86            | 602               | 25.6                        | 1,140.83         | 3,144.4              |           |

Assay Class: High Sensitivity DNA Assay C:\...gh Sensitivity DNA Assay\_DE54700632\_2019-09-05\_14-26-31.xad C:\...gh Sensitivity DNA Assay\_DE54700632\_2019-09-05\_14-26-31.xad C:\...gh Sensitivity DNA Assay\_DE54700632\_2019-09-05\_14-26-31.xad Sensitivity DNA Assay\_DNA Sensitivity DNA Sensitivity DN

## **Electropherogram Summary Continued ...**



# Overall Results for sample 2 : <u>sample 2</u>

Number of peaks found: 28 Corr. Area 1: 1,873.3

| Peak t | able | for sample 2: | sample 2      |                   |              |
|--------|------|---------------|---------------|-------------------|--------------|
| Peak   |      | Size [bp]     | Conc. [pg/µl] | Molarity [pmol/l] | Observations |
| 1      | 4    | 35            | 125.00        | 5,411.3           | Lower Marker |
| 2      |      | 261           | 28.18         | 163.8             |              |
| 3      |      | 274           | 14.45         | 79.9              |              |
| 4      |      | 295           | 19.65         | 100.8             |              |
| 5      |      | 307           | 11.33         | 56.0              |              |
| 6      |      | 329           | 11.97         | 55.1              |              |
| 7      |      | 339           | 13.54         | 60.6              |              |
| 8      |      | 356           | 16.96         | 72.3              |              |
| 9      |      | 388           | 13.74         | 53.7              |              |
| 10     |      | 402           | 22.44         | 84.5              |              |
| 11     |      | 433           | 42.67         | 149.4             |              |
| 12     |      | 553           | 817.16        | 2,238.9           |              |
| 13     |      | 657           | 40.51         | 93.4              |              |
| 14     |      | 680           | 36.06         | 80.3              |              |
| 15     |      | 711           | 133.19        | 283.8             |              |
| 16     |      | 858           | 145.53        | 257.0             |              |
| 17     |      | 1,616         | 4.80          | 4.5               |              |
| 18     |      | 1,820         | 2.43          | 2.0               |              |
| 19     |      | 2,325         | 2.17          | 1.4               |              |
| 20     |      | 3,317         | 2.23          | 1.0               |              |
| 21     |      | 3,656         | 2.19          | 0.9               |              |
| 22     |      | 4,784         | 2.15          | 0.7               |              |
| 23     |      | 6,964         | 2.34          | 0.5               |              |
| 24     | -    | 7,968         | 1.74          | 0.3               |              |
| 25     |      | 10,380        | 75.00         | 10.9              | Upper Marker |
| 26     |      | 11,988        | 0.00          | 0.0               |              |

Page 7 of 18

Assay Class: High Sensitivity DNA Assay C:\...gh Sensitivity DNA Assay\_DE54700632\_2019-09-05\_14-26-31.xad Created: 9/5/2019 2:26:30 PM Modified: 9/5/2019 3:31:57 PM

**Electropherogram Summary Continued ...** 

| Peak ta | ble for sample | 2: <u>sample 2</u> |                   |              |
|---------|----------------|--------------------|-------------------|--------------|
| Peak    | Size [bp]      | Conc. [pg/µl]      | Molarity [pmol/l] | Observations |
| 27      | 12,953         | 0.00               | 0.0               |              |
| 28      | 14,025         | 0.00               | 0.0               |              |
| 29      | 15,848         | 0.00               | 0.0               |              |
| 30      | 16,920         | 0.00               | 0.0               |              |

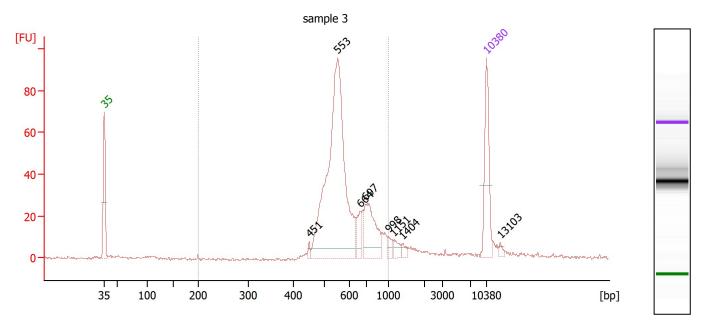
Region table for sample 2: <u>sample 2</u>

| From<br>[bp] | To [bp | ] Corr.<br>Area | % of<br>Total | Average Size [bp] | Size distribution in CV [%] |          | Molarity<br>[pmol/l] | Co<br>lor |
|--------------|--------|-----------------|---------------|-------------------|-----------------------------|----------|----------------------|-----------|
| 200          | 1,000  | 1,873.3         | 88            | 559               | 27.1                        | 1,467.44 | 4,480.8              |           |

Page 8 of 18

Assay Class: High Sensitivity DNA Assay C:\...gh Sensitivity DNA Assay\_DE54700632\_2019-09-05\_14-26-31.xad C:\...gh Sensitivity DNA Assay\_DE54700632\_2019-09-05\_14-26-31.xad C:\...gh Sensitivity DNA Assay\_DE54700632\_2019-09-05\_14-26-31.xad Sensitivity DNA Assay\_DNA Sensitivity DNA Sensitivity DN

## **Electropherogram Summary Continued ...**



# Overall Results for sample 3: sample 3

Number of peaks found: 8 Corr. Area 1: 520.0

Noise: 0.5

| Peak t | able | for sample $3$ : | sample 3      |                   |              |
|--------|------|------------------|---------------|-------------------|--------------|
| Peak   |      | Size [bp]        | Conc. [pg/µl] | Molarity [pmol/l] | Observations |
| 1      | 4    | 35               | 125.00        | 5,411.3           | Lower Marker |
| 2      |      | 451              | 5.57          | 18.7              |              |
| 3      |      | 553              | 504.83        | 1,383.1           |              |
| 4      |      | 664              | 28.61         | 65.3              |              |
| 5      |      | 697              | 87.40         | 190.1             |              |
| 6      |      | 998              | 10.29         | 15.6              |              |
| 7      |      | 1,151            | 12.26         | 16.1              |              |
| 8      |      | 1,404            | 6.89          | 7.4               |              |
| 9      |      | 10,380           | 75.00         | 10.9              | Upper Marker |
| 10     |      | 13,103           | 0.00          | 0.0               |              |

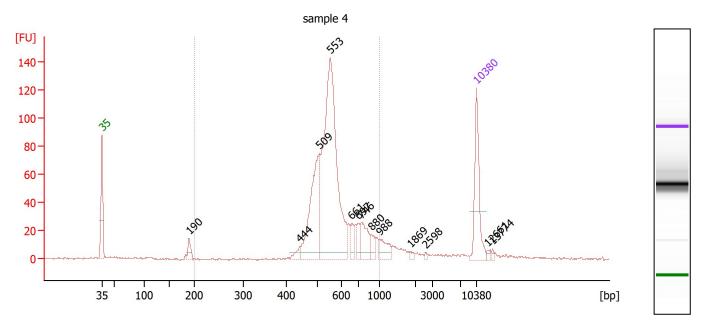
Region table for sample 3: <u>sample 3</u>

| From<br>[bp] | To [bp | ] Corr.<br>Area | % of<br>Total | Average Size [bp] | Size distribution in CV [%] |        | Molarity<br>[pmol/l] | Co<br>lor |
|--------------|--------|-----------------|---------------|-------------------|-----------------------------|--------|----------------------|-----------|
| 200          | 1,000  | 520.0           | 88            | 596               | 18.5                        | 650.34 | 1.709.6              |           |

Page 9 of 18

Assay Class: High Sensitivity DNA Assay C:\...gh Sensitivity DNA Assay\_DE54700632\_2019-09-05\_14-26-31.xad C:\...gh Sensitivity DNA Assay\_DE54700632\_2019-09-05\_14-26-31.xad C:\...gh Sensitivity DNA Assay\_DE54700632\_2019-09-05\_14-26-31.xad Sensitivity DNA Assay\_DNA Sensitivity DNA Sensitivity DN

## **Electropherogram Summary Continued ...**



# Overall Results for sample 4: sample 4

Number of peaks found: 13 Corr. Area 1: 804.5

Noise: 0.5

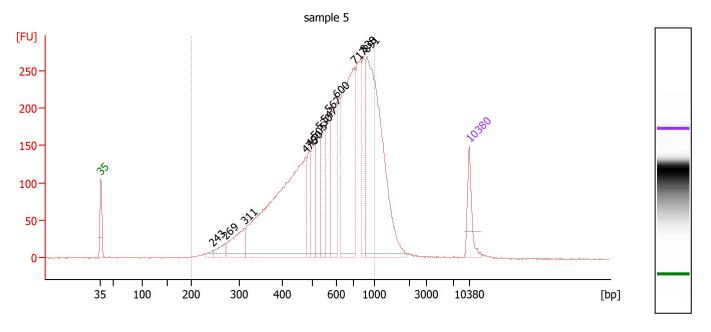
| Peak ta | ble | for sample 4: | sample 4      |                   |              |
|---------|-----|---------------|---------------|-------------------|--------------|
| Peak    |     | Size [bp]     | Conc. [pg/µl] | Molarity [pmol/l] | Observations |
| 1       | ◀   | 35            | 125.00        | 5,411.3           | Lower Marker |
| 2       |     | 190           | 19.85         | 158.6             |              |
| 3       |     | 444           | 12.91         | 44.1              |              |
| 4       |     | 509           | 181.89        | 541.6             |              |
| 5       |     | 553           | 460.19        | 1,260.1           |              |
| 6       |     | 661           | 19.96         | 45.8              |              |
| 7       |     | 697           | 19.07         | 41.4              |              |
| 8       |     | 746           | 46.11         | 93.6              |              |
| 9       |     | 880           | 15.40         | 26.5              |              |
| 10      |     | 988           | 26.23         | 40.2              |              |
| 11      |     | 1,869         | 3.60          | 2.9               |              |
| 12      |     | 2,598         | 2.02          | 1.2               |              |
| 13      |     | 10,380        | 75.00         | 10.9              | Upper Marker |
| 14      |     | 12,661        | 0.00          | 0.0               |              |
| 15      |     | 13,774        | 0.00          | 0.0               |              |

Region table for sample 4: sample 4

| From To [bp] Corr. |       |       |       | Size distribution in | Conc.  | Molarity | Co       |     |
|--------------------|-------|-------|-------|----------------------|--------|----------|----------|-----|
| [bp]               |       | Area  | Total | [bp]                 | CV [%] | [pg/µl]  | [pmol/l] | lor |
| 200                | 1,000 | 804.5 | 85    | 579                  | 18.5   | 783.99   | 2,121.1  |     |

Assay Class: High Sensitivity DNA Assay C:\...gh Sensitivity DNA Assay\_DE54700632\_2019-09-05\_14-26-31.xad C:\...gh Sensitivity DNA Assay\_DE54700632\_2019-09-05\_14-26-31.xad C:\...gh Sensitivity DNA Assay\_DE54700632\_2019-09-05\_14-26-31.xad Sensitivity DNA Assay\_DNA Sensitivity DNA Sensitivity DN

## **Electropherogram Summary Continued ...**



# Overall Results for sample 5 : sample 5

Number of peaks found: 13 Corr. Area 1: 4,572.3

Noise: 0.5

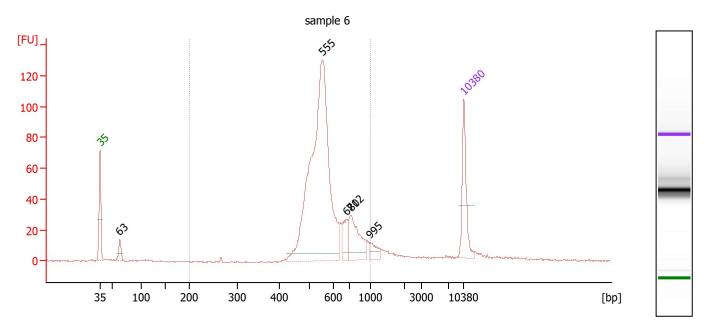
| Peak table | for sample 5: | sample 5      |                   |              |
|------------|---------------|---------------|-------------------|--------------|
| Peak       | Size [bp]     | Conc. [pg/µl] | Molarity [pmol/l] | Observations |
| 1          | 35            | 125.00        | 5,411.3           | Lower Marker |
| 2          | 243           | 17.06         | 106.5             |              |
| 3          | 269           | 47.95         | 269.8             |              |
| 4          | 311           | 141.70        | 690.5             |              |
| 5          | 476           | 1,015.84      | 3,234.0           |              |
| 6          | 490           | 94.02         | 290.7             |              |
| 7          | 505           | 143.77        | 431.1             |              |
| 8          | 530           | 165.29        | 472.9             |              |
| 9          | 547           | 130.97        | 362.7             |              |
| 10         | 567           | 169.28        | 452.3             |              |
| 11         | 600           | 229.66        | 579.7             |              |
| 12         | 717           | 611.65        | 1,292.8           |              |
| 13         | 838           | 143.04        | 258.7             |              |
| 14         | 891           | 784.03        | 1,333.9           |              |
| 15         | 10,380        | 75.00         | 10.9              | Upper Marker |

Region table for sample 5: sample 5

| From To [bp] Corr. |       | % of    | Average Size | Size distribution in | Conc.  | Molarity | Co       |     |
|--------------------|-------|---------|--------------|----------------------|--------|----------|----------|-----|
| [bp]               |       | Area    | Total        | [bp]                 | CV [%] | [pg/µl]  | [pmol/l] | lor |
| 200                | 1,000 | 4,572.3 | 87           | 598                  | 31.3   | 3,770.28 | 11,154.5 |     |

Assay Class: High Sensitivity DNA Assay C:\...gh Sensitivity DNA Assay\_DE54700632\_2019-09-05\_14-26-31.xad C:\...gh Sensitivity DNA Assay\_DE54700632\_2019-09-05\_14-26-31.xad C:\...gh Sensitivity DNA Assay\_DE54700632\_2019-09-05\_14-26-31.xad Sensitivity DNA Assay\_DNA Sensitivity DNA Sens

## **Electropherogram Summary Continued ...**



# Overall Results for sample 6 : sample 6

Number of peaks found: 5 Corr. Area 1: 738.2

Noise: 0.3

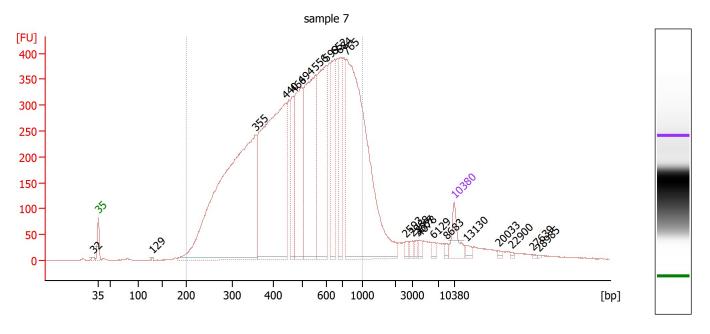
| Peak t | able | for sample 6: | <u>sample 6</u> |                   |              |  |  |
|--------|------|---------------|-----------------|-------------------|--------------|--|--|
| Peak   |      | Size [bp]     | Conc. [pg/µl]   | Molarity [pmol/l] | Observations |  |  |
| 1      | 4    | 35            | 125.00          | 5,411.3           | Lower Marker |  |  |
| 2      |      | 63            | 29.12           | 701.5             |              |  |  |
| 3      |      | 555           | 742.25          | 2,025.1           |              |  |  |
| 4      |      | 680           | 37.26           | 83.0              |              |  |  |
| 5      |      | 712           | 97.05           | 206.6             |              |  |  |
| 6      |      | 995           | 20.77           | 31.6              |              |  |  |
| 7      |      | 10,380        | 75.00           | 10.9              | Upper Marker |  |  |
|        |      |               |                 |                   |              |  |  |

Region table for sample 6: sample 6

| From<br>[bp] | To [bp] | Corr.<br>Area | % of<br>Total | Average Size [bp] | Size distribution in CV [%] |        | Molarity<br>[pmol/l] | Co<br>lor |
|--------------|---------|---------------|---------------|-------------------|-----------------------------|--------|----------------------|-----------|
| 200          | 1.000   | 738.2         | 87            | 583               | 17.9                        | 919.76 | 2.468.3              |           |

Assay Class: High Sensitivity DNA Assay C:\...gh Sensitivity DNA Assay\_DE54700632\_2019-09-05\_14-26-31.xad C:\...gh Sensitivity DNA Assay\_DE54700632\_2019-09-05\_14-26-31.xad C:\...gh Sensitivity DNA Assay\_DE54700632\_2019-09-05\_14-26-31.xad Sensitivity DNA Assay\_DNA Sensitivity DNA Sens

## **Electropherogram Summary Continued ...**



# Overall Results for sample 7: sample 7

Number of peaks found: 22 Corr. Area 1: 10,813.5

| Peak t | able | for sample 7: | sample 7      |                   |              |
|--------|------|---------------|---------------|-------------------|--------------|
| Peak   |      | Size [bp]     | Conc. [pg/µl] | Molarity [pmol/l] | Observations |
| 1      |      | 32            | 0.00          | 0.0               |              |
| 2      | 4    | 35            | 125.00        | 5,411.3           | Lower Marker |
| 3      |      | 129           | 4.65          | 54.5              |              |
| 4      |      | 355           | 2,142.92      | 9,147.8           |              |
| 5      |      | 440           | 1,527.93      | 5,257.8           |              |
| 6      |      | 466           | 212.64        | 691.5             |              |
| 7      |      | 494           | 525.77        | 1,611.5           |              |
| 8      |      | 556           | 734.44        | 2,002.4           |              |
| 9      |      | 599           | 584.29        | 1,477.6           |              |
| 10     |      | 652           | 283.83        | 659.1             |              |
| 11     |      | 684           | 208.77        | 462.2             |              |
| 12     |      | 765           | 1,462.81      | 2,896.7           |              |
| 13     |      | 2,593         | 15.95         | 9.3               |              |
| 14     |      | 2,988         | 15.23         | 7.7               |              |
| 15     |      | 3,667         | 12.75         | 5.3               |              |
| 16     |      | 4,078         | 14.71         | 5.5               |              |
| 17     |      | 6,129         | 15.37         | 3.8               |              |
| 18     |      | 8,683         | 10.42         | 1.8               |              |
| 19     |      | 10,380        | 75.00         | 10.9              | Upper Marker |
| 20     |      | 13,130        | 0.00          | 0.0               |              |
| 21     |      | 20,033        | 0.00          | 0.0               |              |
| 22     |      | 22,900        | 0.00          | 0.0               |              |
| 23     |      | 27,639        | 0.00          | 0.0               |              |
| 24     |      | 28,985        | 0.00          | 0.0               |              |

Page 13 of 18

Assay Class:

High Sensitivity DNA Assay C:\...gh Sensitivity DNA Assay\_DE54700632\_2019-09-05\_14-26-31.xad 9/5/2019 2:26:30 PM 9/5/2019 3:31:57 PM Created: Modified: Data Path:

**Electropherogram Summary Continued ...** 

... Region table for sample 7: sample 7

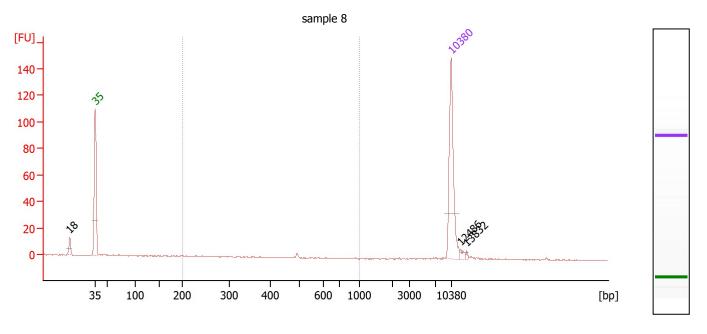
From To [bp] Corr. % of **Average Size** Size distribution in Conc. Molarity Co Area Total [bp] CV [%] [pg/µl] [pmol/l] lor [bp] 200 1,000 10,813.5 88 519 36.0 8,300.71 29,303.9

Assay Class:

High Sensitivity DNA Assay C:\...gh Sensitivity DNA Assay\_DE54700632\_2019-09-05\_14-26-31.xad Data Path:

Created: Modified: 9/5/2019 2:26:30 PM 9/5/2019 3:31:57 PM

## **Electropherogram Summary Continued ...**



**Observations** 

Lower Marker Upper Marker

#### Overall Results for sample 8: sample 8

Number of peaks found: 3 Corr. Area 1: 1.4

Noise: 0.3

| Peak t | able | for sample 8: | <u>sample 8</u> |                   |
|--------|------|---------------|-----------------|-------------------|
| Peak   |      | Size [bp]     | Conc. [pg/µl]   | Molarity [pmol/l] |
| 1      |      | 18            | 0.00            | 0.0               |
| 2      | 4    | 35            | 125.00          | 5,411.3           |
| 2      | N.   | 10 200        | 75.00           | 10.0              |

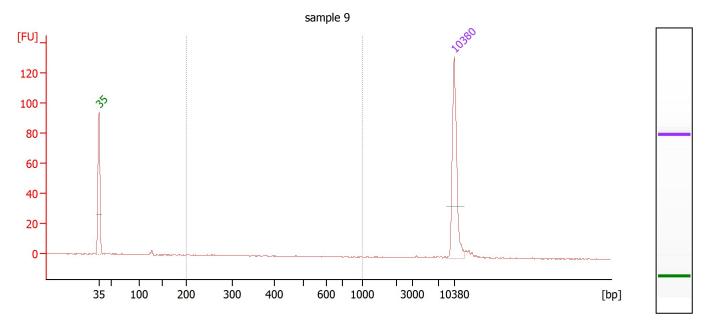
10.9 3 10,380 75.00 4 12,486 0.00 0.0 0.00 13,832 0.0

Region table for sample 8: sample 8

| From<br>[bp] | To [bp] Corr.<br>Area |   | Average Size [bp] | Size distribution in CV [%] | Conc.<br>[pg/µl] | Molarity<br>[pmol/l] | Co<br>lor |
|--------------|-----------------------|---|-------------------|-----------------------------|------------------|----------------------|-----------|
| 200          | 1,000 1.4             | 5 | 485               | 8.0                         | 1.16             | 3.7                  |           |

Assay Class: High Sensitivity DNA Assay Created: 9/5/2019 2:26:30 PM Data Path: C:\...gh Sensitivity DNA Assay\_DE54700632\_2019-09-05\_14-26-31.xad Created: 9/5/2019 3:31:57 PM

## **Electropherogram Summary Continued ...**



Overall Results for sample 9: sample 9

Number of peaks found: 0 Corr. Area 1: 1.9

Noise: 0.2

Peak table for sample 9: sample 9

 Peak
 Size [bp]
 Conc. [pg/μl]
 Molarity [pmol/l]
 Observations

 1
 4
 35
 125.00
 5,411.3
 Lower Marker

 2
 10,380
 75.00
 10.9
 Upper Marker

Region table for sample 9: sample 9

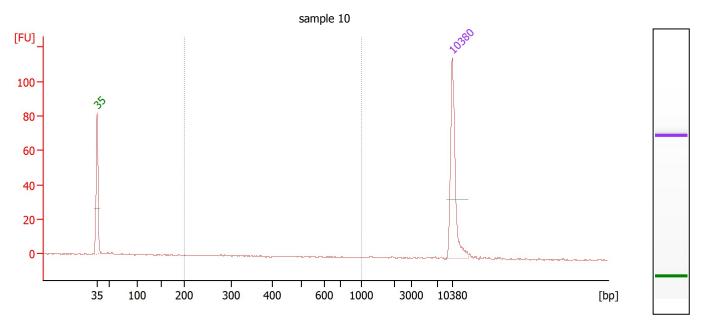
To [bp] Corr. % of **Average Size** Size distribution in Conc. Molarity Co [bp] Area Total [bp] CV [%] [pg/µl] [pmol/l] lor 200 1,000 1.9 42.3 1.94 10.2 9 335

Assay Class: High Sensitivity DNA Assay

Data Path: C:\...gh Sensitivity DNA Assay\_DE54700632\_2019-09-05\_14-26-31.xad

Created: Modified: 9/5/2019 2:26:30 PM 9/5/2019 3:31:57 PM

## **Electropherogram Summary Continued ...**



Overall Results for sample 10 : sample 10

Number of peaks found: 0 Corr. Area 1: 2.3

Noise: 0.2

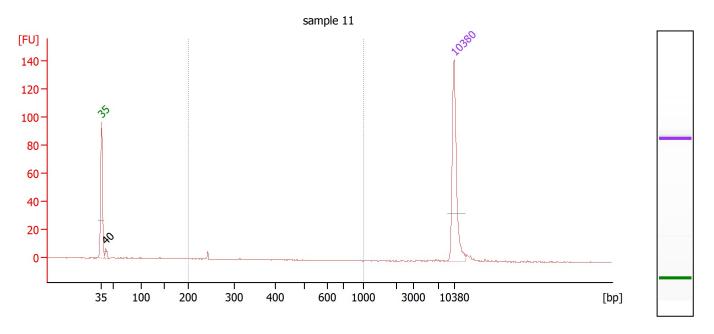
Peak table for sample 10 : <u>sample 10</u>

Region table for sample 10 : sample 10

To [bp] Corr. % of **Average Size** Size distribution in Conc. Molarity Co **Total** [bp] Area [bp] CV [%] [pg/µl] [pmol/l] lor 200 1,000 2.3 41.7 10.8 14 414 2.41

Assay Class: High Sensitivity DNA Assay C:\...gh Sensitivity DNA Assay\_DE54700632\_2019-09-05\_14-26-31.xad C:\...gh Sensitivity DNA Assay\_DE54700632\_2019-09-05\_14-26-31.xad C:\...gh Sensitivity DNA Assay\_DE54700632\_2019-09-05\_14-26-31.xad Sensitivity DNA Assay\_DNA Sensitivity DNA Sens

## **Electropherogram Summary Continued ...**



# Overall Results for sample 11 : sample 11

Number of peaks found: 1 Corr. Area 1: 2.4

Noise: 0.2

Peak table for sample 11 : sample 11

| Peak |   | Size [bp] | Conc. [pg/µl] | Molarity [pmol/l] | Observations |
|------|---|-----------|---------------|-------------------|--------------|
| 1    | 4 | 35        | 125.00        | 5,411.3           | Lower Marker |
| 2    |   | 40        | 8.41          | 315.8             |              |
| 3    |   | 10,380    | 75.00         | 10.9              | Upper Marker |

Region table for sample 11: sample 11

| From<br>[bp] | To [bp | ] Corr.<br>Area | % of<br>Total | Average Size<br>[bp] | Size distribution in CV [%] |      | Molarity<br>[pmol/l] | Co<br>lor |
|--------------|--------|-----------------|---------------|----------------------|-----------------------------|------|----------------------|-----------|
| 200          | 1,000  | 2.4             | 11            | 253                  | 19.8                        | 2.51 | 15.5                 |           |

High Sensitivity DNA Assay C:\...gh Sensitivity DNA Assay\_DE54700632\_2019-09-05\_14-26-31.xad 9/5/2019 2:26:30 PM 9/5/2019 3:31:57 PM Assay Class: Created: Modified: Data Path: **Gel Image** [bp] 8 sample 11 sample 2 sample 5 sample 1 sample 7 10380 -7000 -3000 -2000 -1000 -700 -600 -500 400 -300 - -200 -150 -100 — 50 — 1 2 3 5 6 7 8 9 10 11