

Assay Class: High Sensitivity DNA Assay
Data Path: D:\...gh Sensitivity DNA Assay_DE24802235_2010-12-16_17-03-52.xad

Created: 12/16/2010 5:03:52 PM
Modified: 12/21/2010 11:00:18 AM

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/ μ l] : 1950
Uses Standard Area for Ladder Fragments
Lower Marker Concentration [pg/ μ l] : 125
Upper Marker Concentration [pg/ μ l] : 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

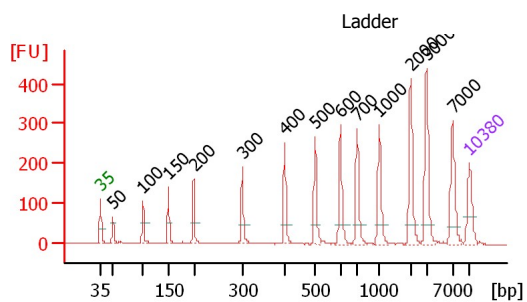
Ladder

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

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Electropherogram Summary



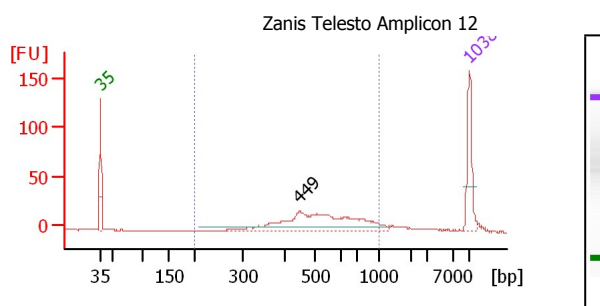
Overall Results for Ladder

Noise: 0.3

Peak table for Ladder

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	50	150.00	4,545.5	Ladder Peak
3	100	150.00	2,272.7	Ladder Peak
4	150	150.00	1,515.2	Ladder Peak
5	200	150.00	1,136.4	Ladder Peak
6	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	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	3,000	150.00	75.8	Ladder Peak

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
14	7,000	150.00	32.5	Ladder Peak
15	10,380	75.00	10.9	Upper Marker



Overall Results for sample 1 : Zanis Telesto Amplicon 12

Number of peaks found: 1
 Noise: 0.3
 Corr. Area 1: 326.3

Region table for sample 1 : Zanis Telesto Amplicon 12

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,000	326.3	82	556	27.7	225.17	675.0	Blue

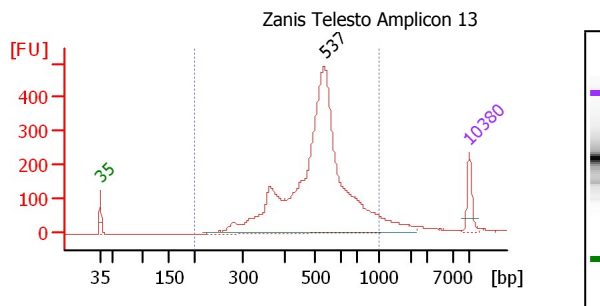
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Electropherogram Summary Continued ...

Peak table for sample 1 : Zanis Telesto Amplicon 12

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	449	276.86	933.4	
3	10,380	75.00	10.9	Upper Marker



Overall Results for sample 2 : Zanis Telesto Amplicon 13

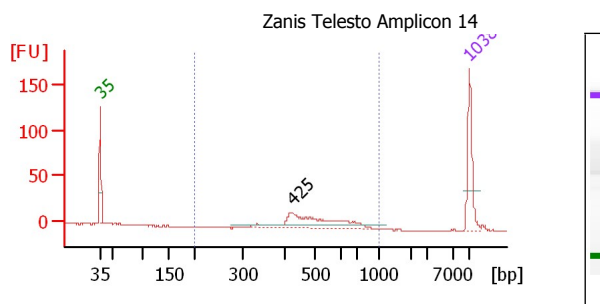
Number of peaks found: 1
 Noise: 0.4
 Corr. Area 1: 4,777.5

Region table for sample 2 : Zanis Telesto Amplicon 13

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,000	4,777.5	93	521	24.3	2,166.99	6,831.6	Blue

Peak table for sample 2 : Zanis Telesto Amplicon 13

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	537	2,209.90	6,234.3	
3	10,380	75.00	10.9	Upper Marker



Overall Results for sample 3 : Zanis Telesto Amplicon 14

Number of peaks found: 1
 Noise: 0.4
 Corr. Area 1: 162.8

Region table for sample 3 : Zanis Telesto Amplicon 14

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,000	162.8	96	516	20.0	110.83	342.2	Blue

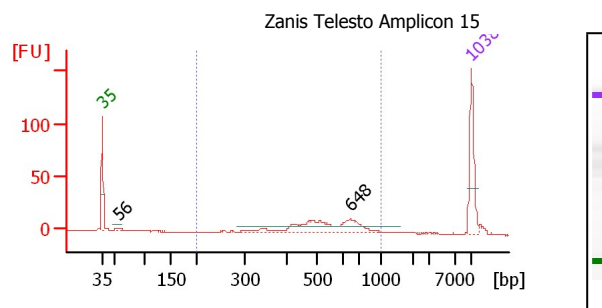
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Electropherogram Summary Continued ...

Peak table for sample 3 : Zanis Telesto Amplicon 14

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	425	163.06	581.4	
3	10,380	75.00	10.9	Upper Marker



Overall Results for sample 4 : Zanis Telesto Amplicon 15

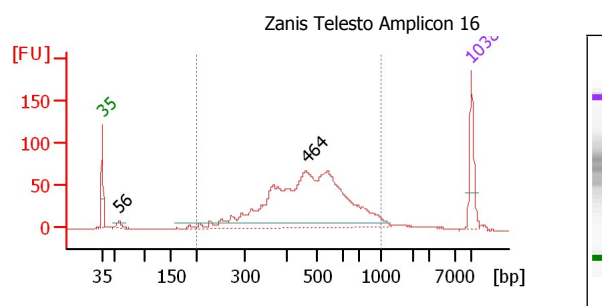
Number of peaks found: 2
 Noise: 0.4
 Corr. Area 1: 193.7

Region table for sample 4 : Zanis Telesto Amplicon 15

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,000	193.7	81	549	25.0	146.70	442.2	Blue

Peak table for sample 4 : Zanis Telesto Amplicon 15

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	56	5.56	150.5	
3	648	116.51	272.2	
4	10,380	75.00	10.9	Upper Marker



Overall Results for sample 5 : Zanis Telesto Amplicon 16

Number of peaks found: 2
 Noise: 0.3
 Corr. Area 1: 1,490.8

Region table for sample 5 : Zanis Telesto Amplicon 16

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,000	1,490.8	90	488	30.5	1,015.70	3,597.4	Blue

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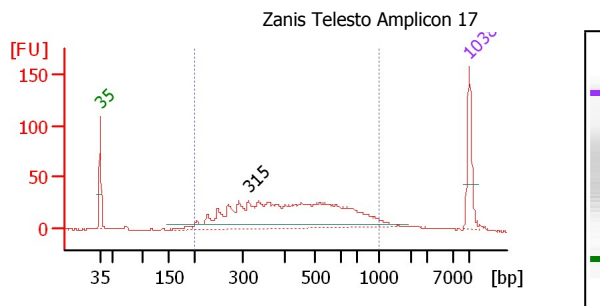
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Electropherogram Summary Continued ...

Peak table for sample 5 :

Zanis Telesto Amplicon 16

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	56	17.11	459.7	
3	464	918.21	2,999.8	
4	10,380	75.00	10.9	Upper Marker



Overall Results for sample 6 : Zanis Telesto Amplicon 17

Number of peaks found: 1
 Noise: 0.3
 Corr. Area 1: 974.4

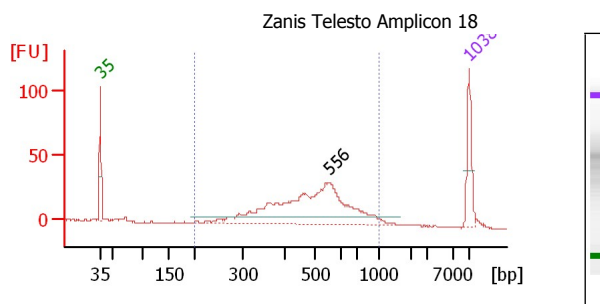
Region table for sample 6 : Zanis Telesto Amplicon 17

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,000	974.4	86	459	37.5	788.06	3,142.7	Blue

Peak table for sample 6 :

Zanis Telesto Amplicon 17

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	315	828.97	3,986.1	
3	10,380	75.00	10.9	Upper Marker



Overall Results for sample 7 : Zanis Telesto Amplicon 18

Number of peaks found: 1
 Noise: 0.3
 Corr. Area 1: 570.0

Region table for sample 7 : Zanis Telesto Amplicon 18

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,000	570.0	91	503	29.4	555.54	1,889.1	Blue

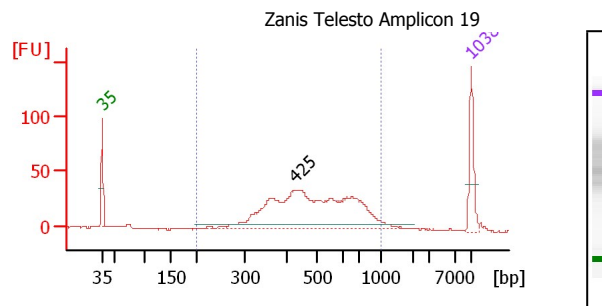
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Electropherogram Summary Continued ...

Peak table for sample 7 : Zanis Telesto Amplicon 18

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	556	481.60	1,313.2	
3	10,380	75.00	10.9	Upper Marker



Overall Results for sample 8 : Zanis Telesto Amplicon 19

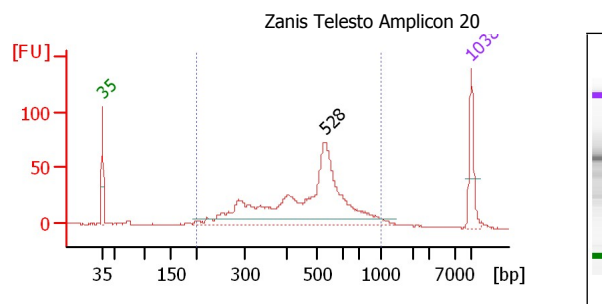
Number of peaks found: 1
 Noise: 0.4
 Corr. Area 1: 806.3

Region table for sample 8 : Zanis Telesto Amplicon 19

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,000	806.3	90	510	30.1	678.10	2,268.5	Blue

Peak table for sample 8 : Zanis Telesto Amplicon 19

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	425	686.09	2,444.1	
3	10,380	75.00	10.9	Upper Marker



Overall Results for sample 9 : Zanis Telesto Amplicon 20

Number of peaks found: 1
 Noise: 0.4
 Corr. Area 1: 917.5

Region table for sample 9 : Zanis Telesto Amplicon 20

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,000	917.5	93	481	31.2	774.65	2,835.3	Blue

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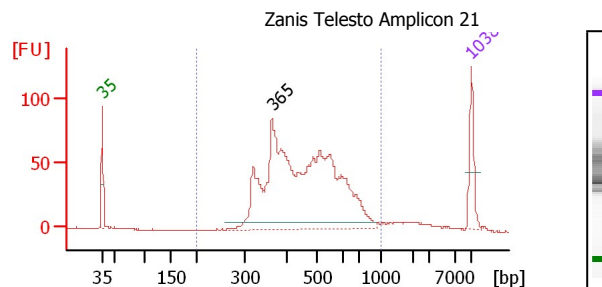
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Electropherogram Summary Continued ...

Peak table for sample 9 :

Zanis Telesto Amplicon 20

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	528	664.99	1,910.0	
3	10,380	75.00	10.9	Upper Marker



Overall Results for sample 10 :

Zanis Telesto Amplicon 21

Number of peaks found: 1
 Noise: 0.4
 Corr. Area 1: 1,274.7

Region table for sample 10 :

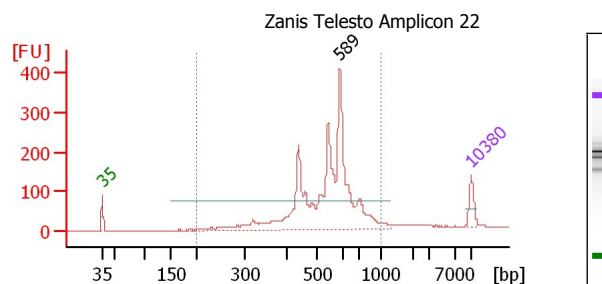
Zanis Telesto Amplicon 21

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,000	1,274.7	93	477	25.9	1,277.98	4,399.2	Blue

Peak table for sample 10 :

Zanis Telesto Amplicon 21

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	365	1,395.69	5,794.7	
3	10,380	75.00	10.9	Upper Marker



Overall Results for sample 11 :

Zanis Telesto Amplicon 22

Number of peaks found: 1
 Noise: 0.5
 Corr. Area 1: 2,252.5

Region table for sample 11 :

Zanis Telesto Amplicon 22

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,000	2,252.5	93	543	22.1	1,947.74	5,894.2	Blue

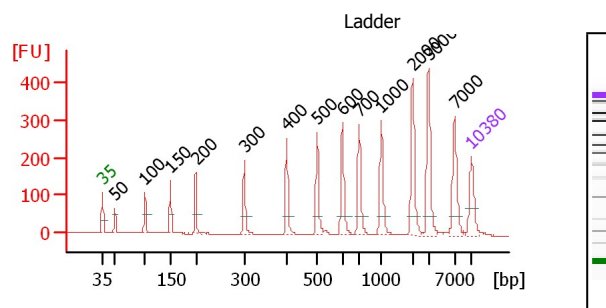
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Electropherogram Summary Continued ...

Peak table for sample 11 : Zanis Telesto Amplicon 22

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	589	1,890.21	4,864.8	
3	10,380	75.00	10.9	Upper Marker



Overall Results for Ladder

Noise: 0.3

Peak table for Ladder

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	50	150.00	4,545.5	Ladder Peak
3	100	150.00	2,272.7	Ladder Peak
4	150	150.00	1,515.2	Ladder Peak
5	200	150.00	1,136.4	Ladder Peak
6	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	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	3,000	150.00	75.8	Ladder Peak

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
14	7,000	150.00	32.5	Ladder Peak
15	10,380	75.00	10.9	Upper Marker

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Gel Image