

Assay Class: High Sensitivity DNA Assay
Data Path: D:\...gh Sensitivity DNA Assay_DE24802235_2010-12-16_17-55-55.xad

Created: 12/16/2010 5:55:55 PM
Modified: 12/17/2010 3:12:39 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/ 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] : 50
Area Threshold : 0.1
Width Threshold [s] : 0.6
Baseline Plateau [s] : 0.5

Filter Settings

Filter Width [s] : 0.5
Polynomial Order : 4

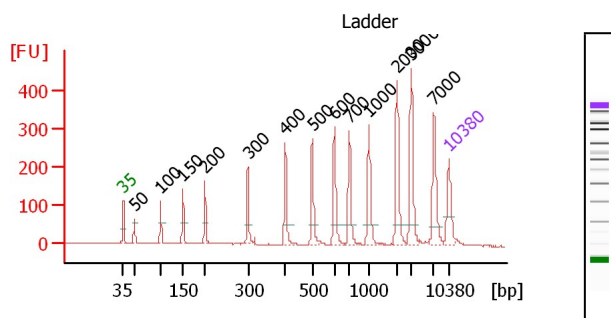
Ladder

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



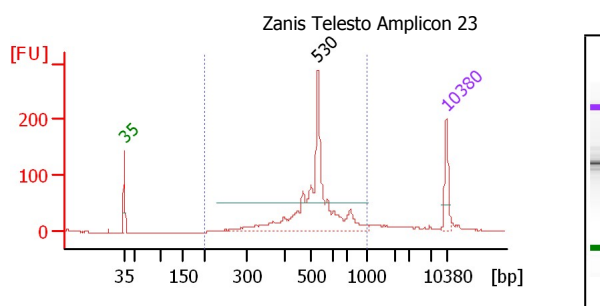
Overall Results for Ladder

Noise: 0.4

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 23

Number of peaks found: 1
 Noise: 0.4
 Corr. Area 1: 1,134.0

Region table for sample 1 : Zanis Telesto Amplicon 23

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	1,134.0	90	531	21.7	679.32	2,066.9	Blue

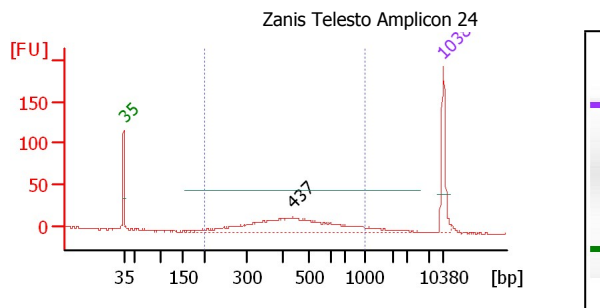
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Electropherogram Summary Continued ...

Peak table for sample 1 : Zanis Telesto Amplicon 23

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	530	685.92	1,961.5	
3	10,380	75.00	10.9	Upper Marker



Overall Results for sample 2 : Zanis Telesto Amplicon 24

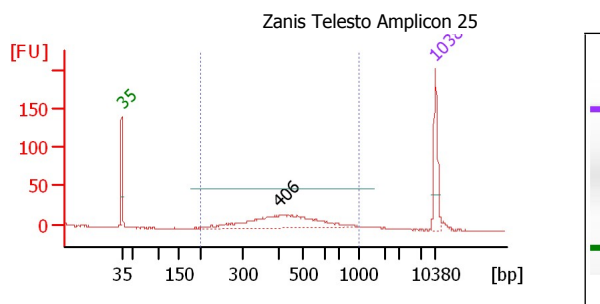
Number of peaks found: 1
 Noise: 0.7
 Corr. Area 1: 328.1

Region table for sample 2 : Zanis Telesto Amplicon 24

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	328.1	91	479	31.8	199.68	714.6	Blue

Peak table for sample 2 : Zanis Telesto Amplicon 24

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	437	291.85	1,011.9	
3	10,380	75.00	10.9	Upper Marker



Overall Results for sample 3 : Zanis Telesto Amplicon 25

Number of peaks found: 1
 Noise: 0.6
 Corr. Area 1: 392.4

Region table for sample 3 : Zanis Telesto Amplicon 25

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	392.4	90	467	31.3	230.10	844.3	Blue

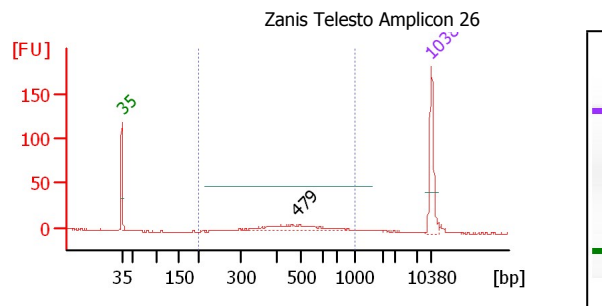
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Electropherogram Summary Continued ...

Peak table for sample 3 : Zanis Telesto Amplicon 25

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	406	228.03	850.3	
3	10,380	75.00	10.9	Upper Marker



Overall Results for sample 4 : Zanis Telesto Amplicon 26

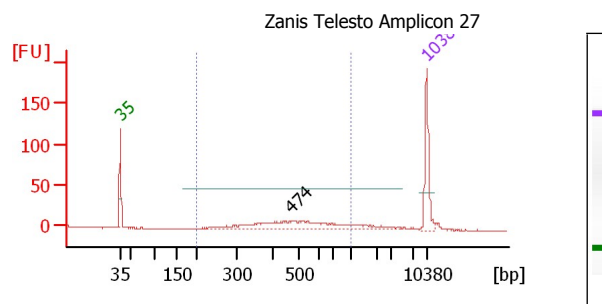
Number of peaks found: 1
 Noise: 0.5
 Corr. Area 1: 162.3

Region table for sample 4 : Zanis Telesto Amplicon 26

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	162.3	78	511	30.3	97.19	323.4	Blue

Peak table for sample 4 : Zanis Telesto Amplicon 26

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.2	Lower Marker
2	479	79.37	250.9	
3	10,380	75.00	10.9	Upper Marker



Overall Results for sample 5 : Zanis Telesto Amplicon 27

Number of peaks found: 1
 Noise: 0.7
 Corr. Area 1: 238.2

Region table for sample 5 : Zanis Telesto Amplicon 27

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	238.2	75	514	33.0	142.50	486.0	Blue

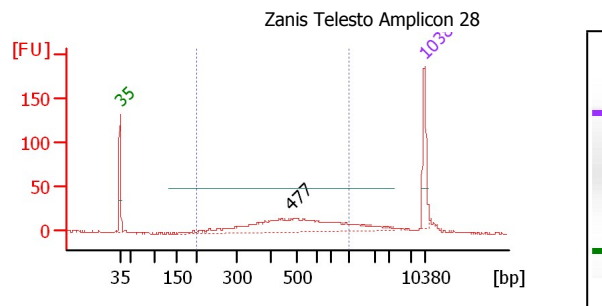
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Electropherogram Summary Continued ...

Peak table for sample 5 : Zanis Telesto Amplicon 27

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	474	182.46	583.3	
3	10,380	75.00	10.9	Upper Marker



Overall Results for sample 6 : Zanis Telesto Amplicon 28

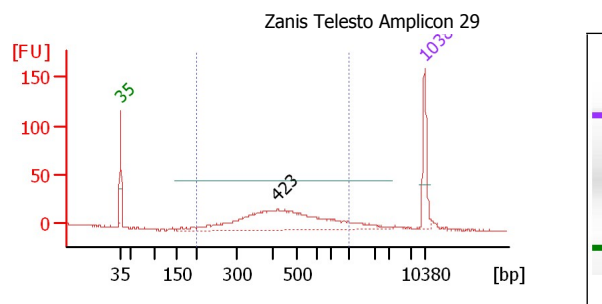
Number of peaks found: 1
 Noise: 0.9
 Corr. Area 1: 414.8

Region table for sample 6 : Zanis Telesto Amplicon 28

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	414.8	74	512	34.0	271.98	944.4	Blue

Peak table for sample 6 : Zanis Telesto Amplicon 28

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.2	Lower Marker
2	477	325.52	1,033.3	
3	10,380	75.00	10.9	Upper Marker



Overall Results for sample 7 : Zanis Telesto Amplicon 29

Number of peaks found: 1
 Noise: 0.7
 Corr. Area 1: 413.0

Region table for sample 7 : Zanis Telesto Amplicon 29

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	413.0	88	481	32.0	278.68	992.2	Blue

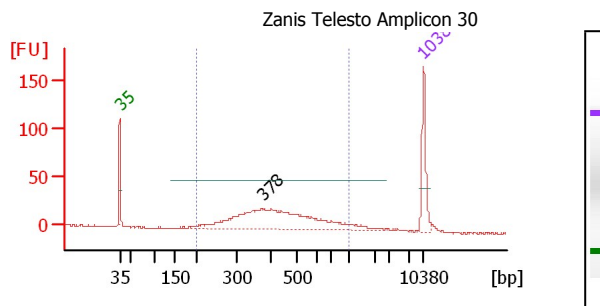
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Electropherogram Summary Continued ...

Peak table for sample 7 : Zanis Telesto Amplicon 29

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.2	Lower Marker
2	423	383.81	1,373.3	
3	10,380	75.00	10.9	Upper Marker



Overall Results for sample 8 : Zanis Telesto Amplicon 30

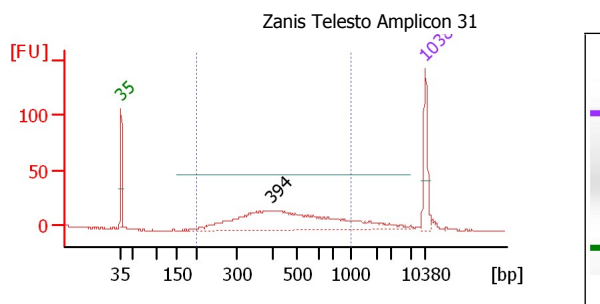
Number of peaks found: 1
 Noise: 0.7
 Corr. Area 1: 517.4

Region table for sample 8 : Zanis Telesto Amplicon 30

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	517.4	91	453	34.2	350.88	1,356.0	Blue

Peak table for sample 8 : Zanis Telesto Amplicon 30

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.2	Lower Marker
2	378	411.17	1,646.7	
3	10,380	75.00	10.9	Upper Marker



Overall Results for sample 9 : Zanis Telesto Amplicon 31

Number of peaks found: 1
 Noise: 0.7
 Corr. Area 1: 405.5

Region table for sample 9 : Zanis Telesto Amplicon 31

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	405.5	84	477	34.6	323.37	1,189.6	Blue

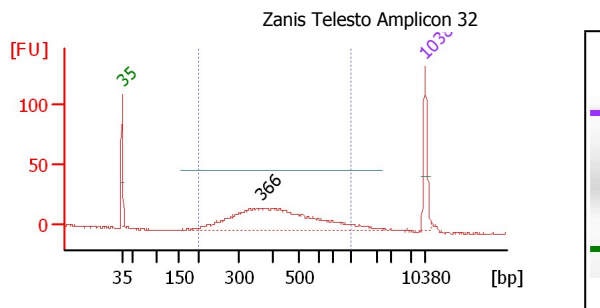
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Electropherogram Summary Continued ...

Peak table for sample 9 : Zanis Telesto Amplicon 31

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	394	474.19	1,824.0	
3	10,380	75.00	10.9	Upper Marker



Overall Results for sample 10 : Zanis Telesto Amplicon 32

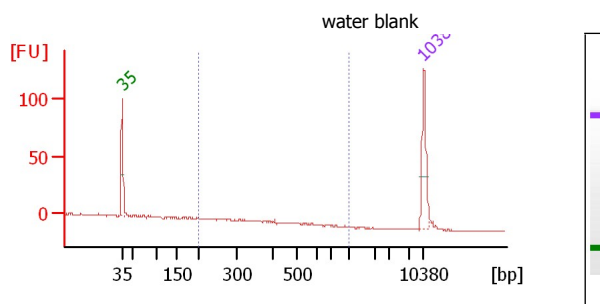
Number of peaks found: 1
 Noise: 0.6
 Corr. Area 1: 455.3

Region table for sample 10 : Zanis Telesto Amplicon 32

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	455.3	91	446	34.7	416.60	1,633.1	Blue

Peak table for sample 10 : Zanis Telesto Amplicon 32

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.2	Lower Marker
2	366	522.50	2,163.2	
3	10,380	75.00	10.9	Upper Marker



Overall Results for sample 11 : water blank

Number of peaks found: 0
 Noise: 0.3
 Corr. Area 1: 17.3

Region table for sample 11 : water blank

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	17.3	30	294	21.5	15.69	85.4	Blue

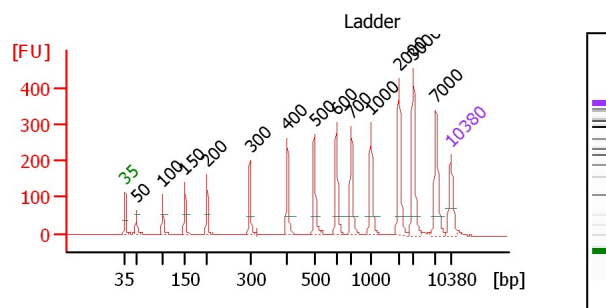
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Electropherogram Summary Continued ...

Peak table for sample 11 : water blank

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.2	Lower Marker
2	10,380	75.00	10.9	Upper Marker



Overall Results for Ladder

Noise: 0.4

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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