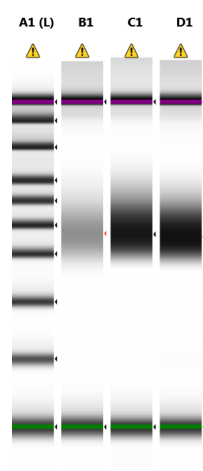# Filename: 2020-11-03-03.D1000_i5_L1LotterhosLab_ZymoKitFinalTest2.D1000

Gel Image


Default image (Contrast 100%), Image is Scaled to view larger Molecular Weight range
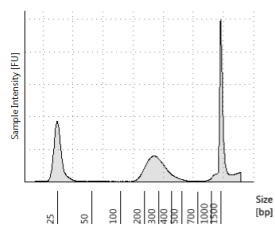
Sample Info

Well	Conc. [ng/µl]	Sample Description	Alert	Observations
A1	24.9	Ladder	⚠	Caution! Expired ScreenTape device; Ladder
B1	6.05	Zymo	⚠	Caution! Expired ScreenTape device
C1	20.0	Custom Rep2	⚠	Caution! Expired ScreenTape device
D1	20.1	Custom Rep1	⚠	Caution! Expired ScreenTape device

A1: Ladder
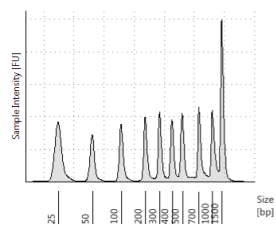
B1: Zymo

C1: Custom Rep2
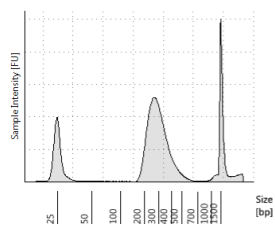
D1: Custom Rep1
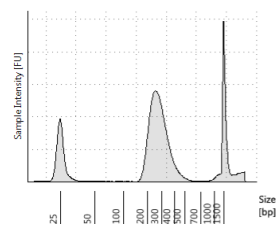
A1: Ladder
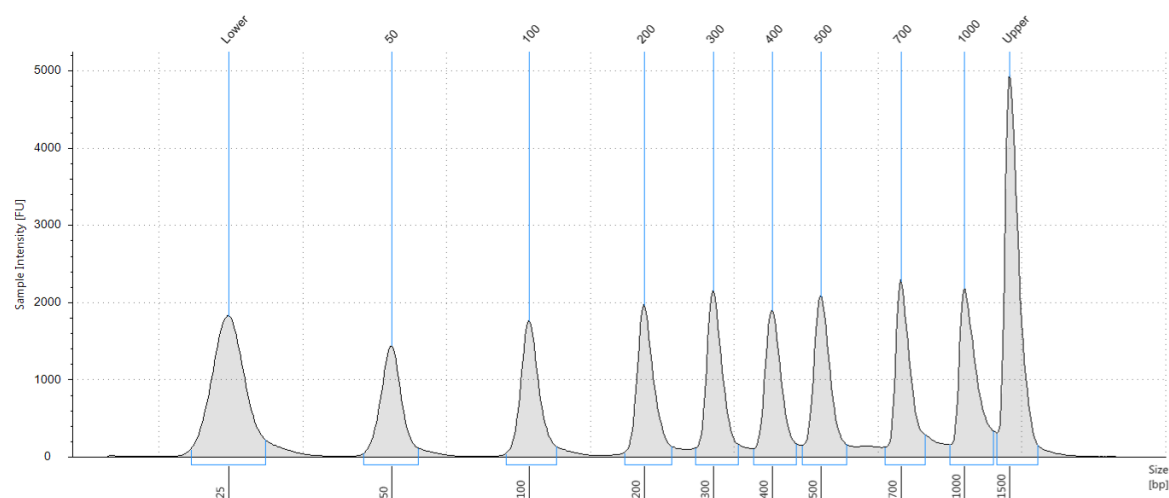
Sample Table

Well	Conc. [ng/µl]	Sample Description	Alert	Observations
A1	24.9	Ladder	⚠	Caution! Expired ScreenTape device; Ladder

Peak Table

Size [bp]	Calibrated Conc. [ng/µl]	Assigned Conc. [ng/µl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	5.63	-	346	-		Lower Marker
50	2.79	-	86.0	11.23		
100	3.00	-	46.2	12.06		
200	3.06	-	23.6	12.32		
300	3.17	-	16.3	12.76		
400	2.95	-	11.4	11.86		
500	3.24	-	9.98	13.04		
700	3.15	-	6.93	12.67		
1000	3.50	-	5.38	14.06		
1500	6.50	6.50	6.67	-		Upper Marker

B1: Zymo
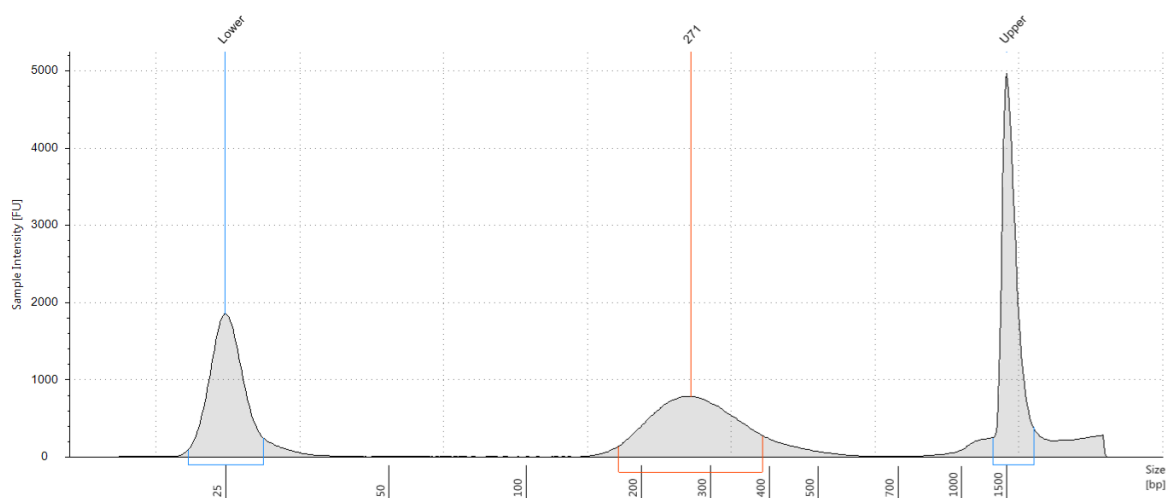
Sample Table

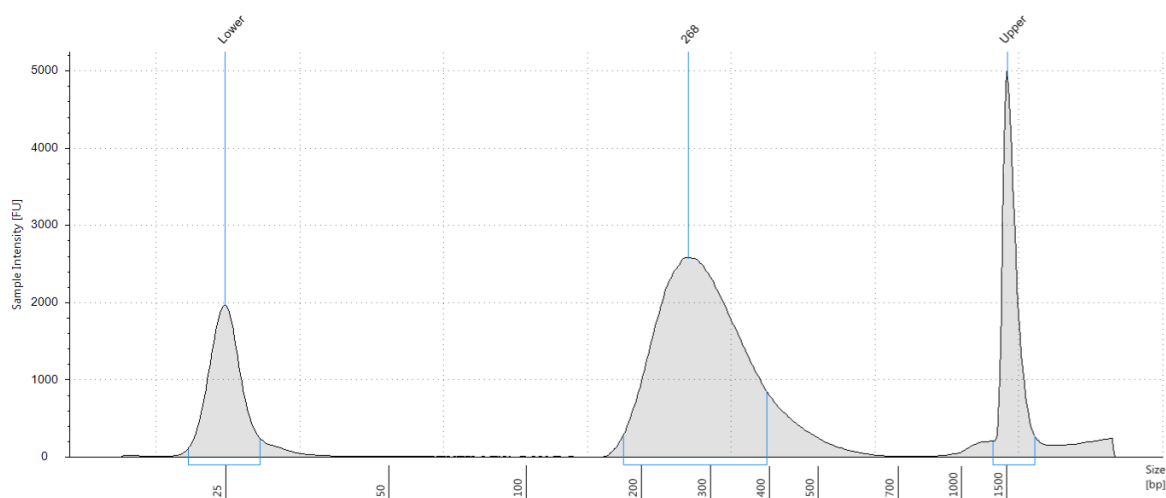| Well	Conc. [ng/µl]	Sample Description	Alert	Observations
B1	6.05	Zymo	⚠	Caution! Expired ScreenTape device

Peak Table

Size [bp]	Calibrated Conc. [ng/µl]	Assigned Conc. [ng/µl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	5.56	-	342	-		Lower Marker
271	6.05	-	34.4	100.00		
1500	6.50	6.50	6.67	-		Upper Marker

C1: Custom Rep2

Sample Table

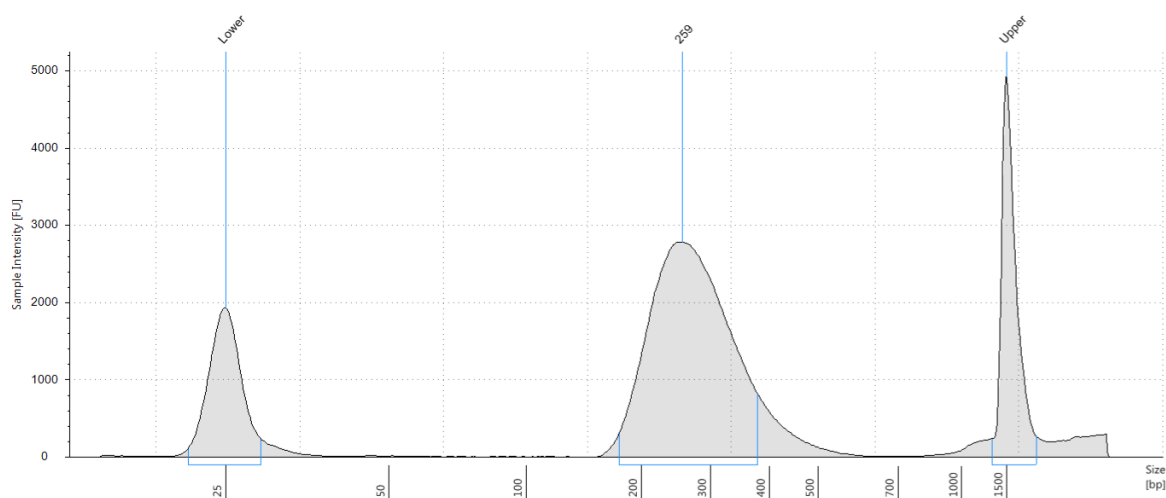| Well	Conc. [ng/µl]	Sample Description	Alert	Observations
C1	20.0	Custom Rep2	⚠️	Caution! Expired ScreenTape device

Peak Table

Size [bp]	Calibrated Conc. [ng/µl]	Assigned Conc. [ng/µl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	5.84	-	359	-		Lower Marker
268	20.0	-	115	100.00		
1500	6.50	6.50	6.67	-		Upper Marker

D1: Custom Rep1

Sample Table

| Well	Conc. [ng/µl]	Sample Description	Alert	Observations
D1	20.1	Custom Rep1	⚠	Caution! Expired ScreenTape device

Peak Table

Size [bp]	Calibrated Conc. [ng/µl]	Assigned Conc. [ng/µl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	5.67	-	349	-		Lower Marker
259	20.1	-	119	100.00		
1500	6.50	6.50	6.67	-		Upper Marker

Calibration

Molecular Weight Settings

Fitting type: Piecewise Interpolation
Alignment type: Between markers
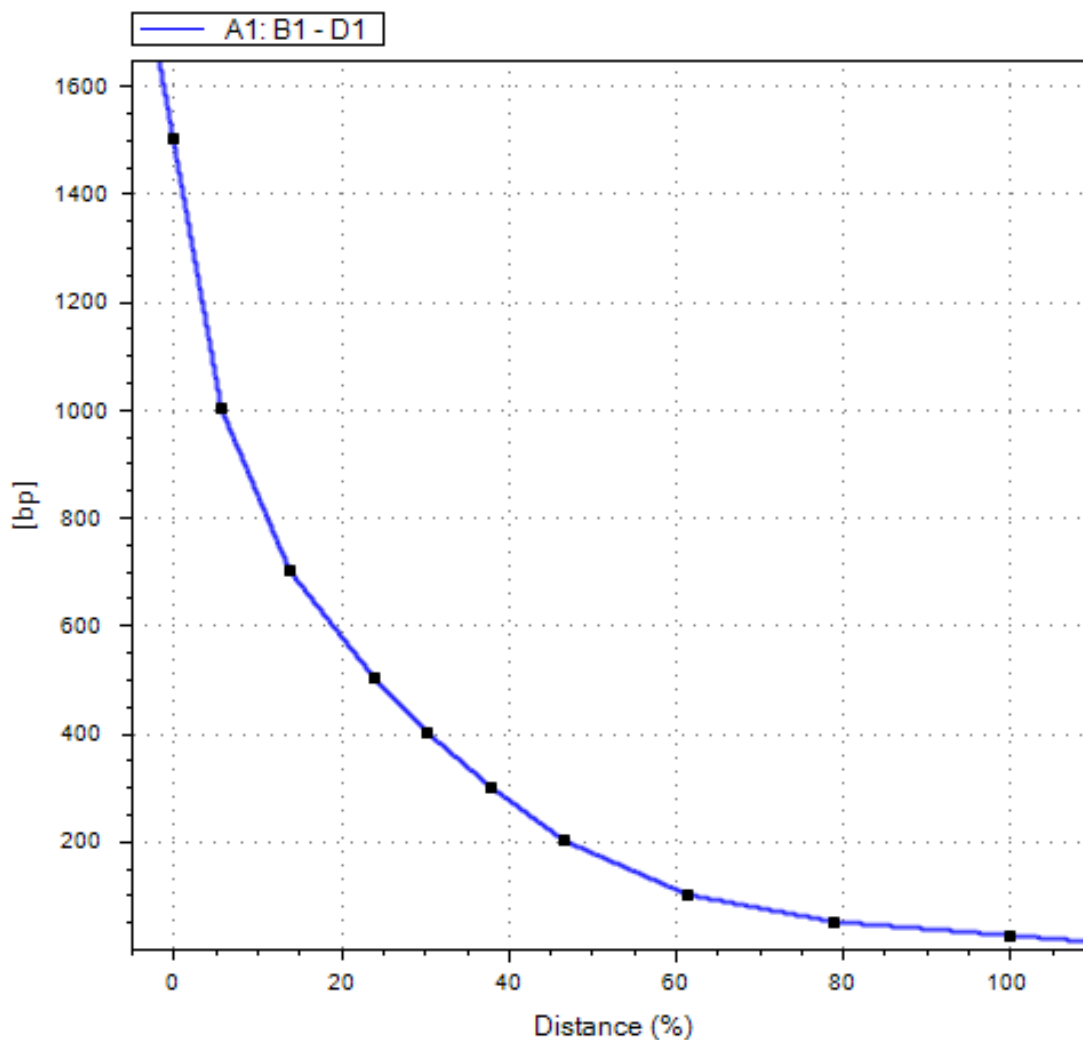
Concentration Settings

Calibration mode: Upper Marker
Normalise peaks from: Upper Marker
Fitting type: Linear Regression