Regression Parameters

Options

- ☐ Fit Partial Distribution (Use if # of cytometer events lower than expected)
- ☐ Set Number of Regression Points
- ☐ Unfinished Features

Input Size Histogram

- ◉ Load File: Choose File LipoB100 NTA A0203.csv
- ○ Paste Data:

Instrument:

Input Fluorescence Histogram

- ○ Load File:
- ◉ Paste Data:

Filename: 2023_02_24_E04_29_100u

```
1418349056.00       0.00
```

Cytometer: CS062

Input Parameters

Calibrate

Calibration Results

☐

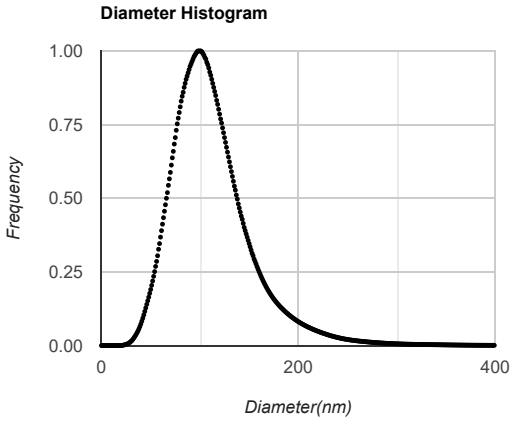
Diameter Data

Filename: LipoB100 NTA A0203.csv

Instrument:

Bins:	Counts:
0.00e+0	0.00e+0
1.00e+0	0.00e+0
2.00e+0	0.00e+0
3.00e+0	0.00e+0
4.00e+0	0.00e+0
5.00e+0	0.00e+0
6.00e+0	0.00e+0
7.00e+0	0.00e+0
8.00e+0	0.00e+0
9.00e+0	0.00e+0
1.00e+1	0.00e+0
1.10e+1	0.00e+0

Statistics	
Count:	2.98e+9
Mean:	1.13e+2
Med:	1.06e+2
Mode:	9.80e+1
SD:	4.36e+1
SE:	7.99e-4
Var:	1.90e+3
Min,Max:	(1.60e+1, 1.23e+3)
Q1,Q3:	(8.50e+1, 1.32e+2)
P10, P90	(6.80e+1, 1.63e+2)



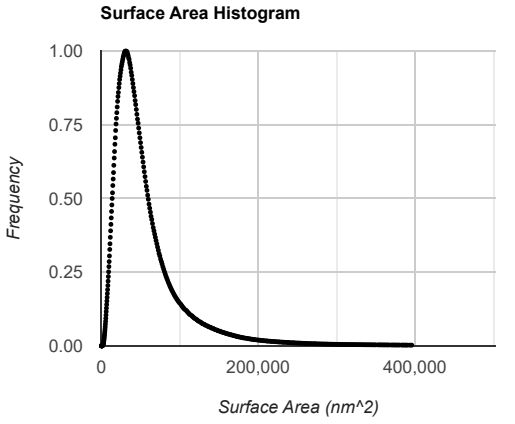
urface Area Data

ution calculated from diameter data.

$SA(d)=\pi d^2$

nts:	
1.54e+2	0.00e+0
2.01e+2	0.00e+0
2.54e+2	0.00e+0
3.14e+2	0.00e+0
3.80e+2	0.00e+0

Statistics	
Count:	2.98e+9
Mean:	4.01e+4
Med:	3.53e+4
Mode:	3.02e+4
SD:	6.75e+4
SE:	1.68e+0
Var:	4.56e+9
Min,Max:	(8.04e+2, 4.75e+6)
Q1,Q3:	(2.27e+4, 5.47e+4)
P10, P90	(1.45e+4, 8.35e+4)



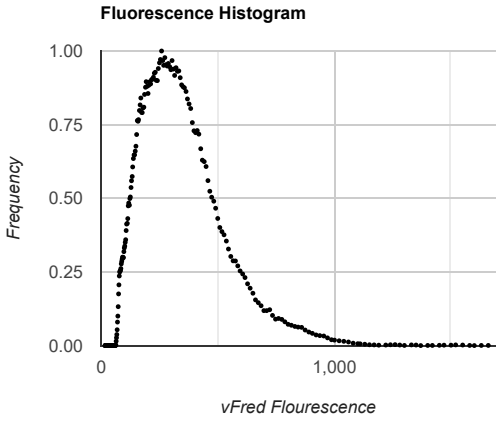
VFC Fluorescence Data

Filename: 2023_02_24_E04_29_100uM_Lipo100_B_100920.fcs

Cytometer: CS062

Bins:	Counts:
1.52e+1	0.00e+0
1.60e+1	0.00e+0
1.68e+1	0.00e+0
1.75e+1	0.00e+0
1.83e+1	0.00e+0
1.91e+1	0.00e+0
1.99e+1	0.00e+0
2.07e+1	0.00e+0
2.15e+1	0.00e+0
2.23e+1	0.00e+0
2.31e+1	0.00e+0
2.40e+1	0.00e+0

Statistics	
Count:	8.50e+4
Mean:	2.79e+2
Med:	2.49e+2
Mode:	2.58e+2
SD:	1.53e+2
SE:	5.26e-1
Var:	2.35e+4
Min,Max:	(6.17e+1, 1.84e+3)
Q1,Q3:	(1.66e+2, 3.56e+2)
P10, P90	(1.17e+2, 4.73e+2)



ression Information

ression: f(x)=mx+b

r^2= 0.9967

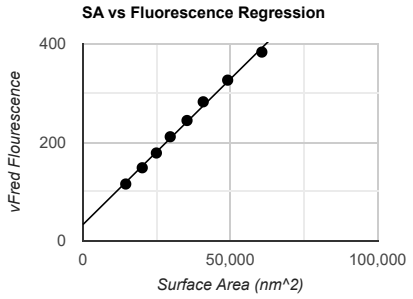
n_A 0.005908596

nt: 32.767002738

n: y=0.00591x+32.767

mate surface area using Fluorescence.

t values in FCS Express Parameter Math



Calibrated Diameter

Diameter estimate calculated using surface area estimate.

$D(SA)=\sqrt{(SA/\pi)}$

Bins:	Counts:
0.00e+0	0.00e+0
0.00e+0	0.00e+0
0.00e+0	0.00e+0
0.00e+0	0.00e+0
0.00e+0	0.00e+0
0.00e+0	0.00e+0
0.00e+0	0.00e+0
0.00e+0	0.00e+0
0.00e+0	0.00e+0
0.00e+0	0.00e+0
0.00e+0	0.00e+0
0.00e+0	0.00e+0

Statistics	
Count:	8.51e+4
Mean:	1.10e+2
Med:	1.08e+2
Mode:	1.10e+2
SD:	3.43e+1
SE:	1.17e-1
Var:	1.17e+3
Min,Max:	(3.95e+1, 3.12e+2)
Q1,Q3:	(8.47e+1, 1.32e+2)
P10, P90	(6.74e+1, 1.54e+2)