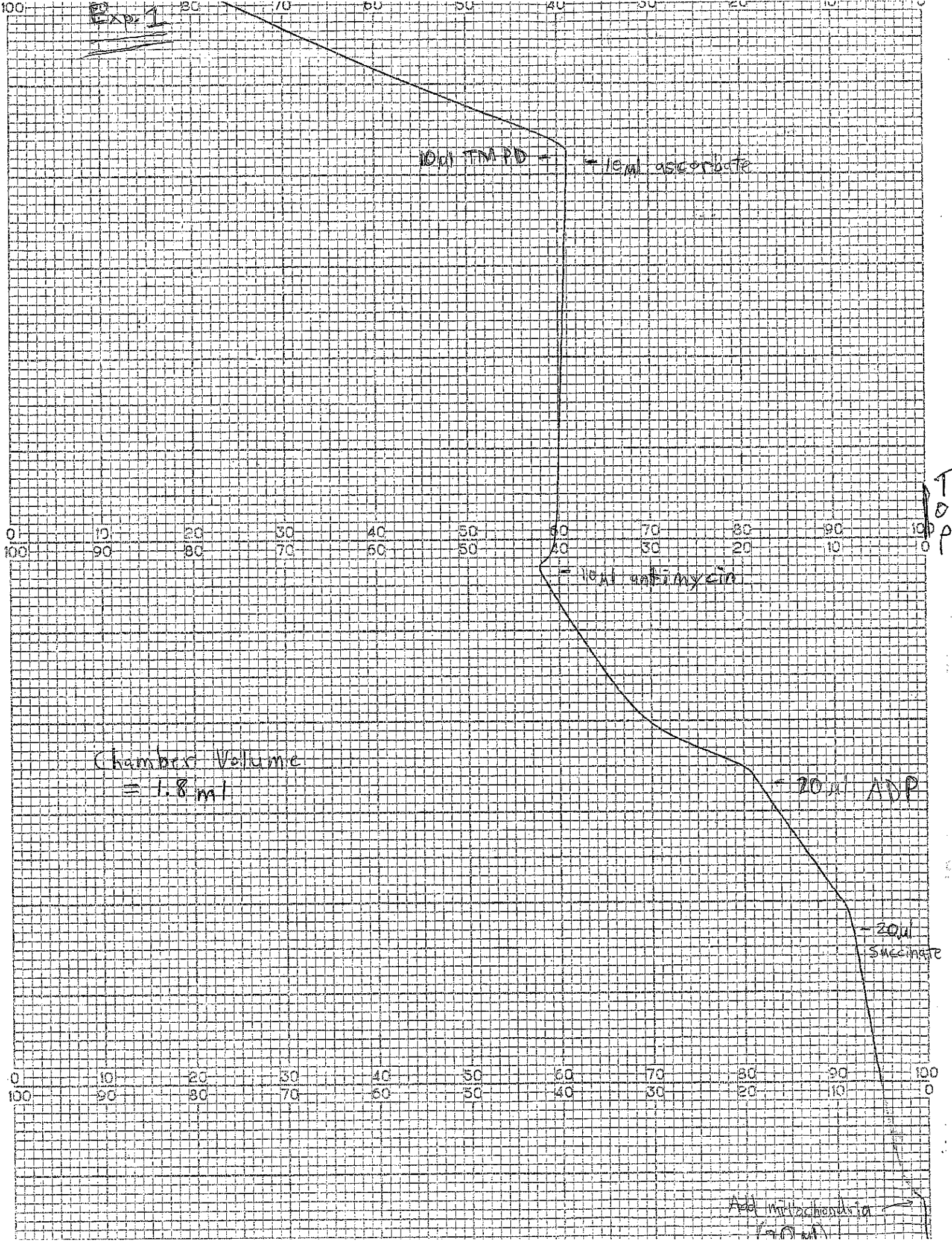


Exp 1



Chamber Volume = 1.8 ml

T  
O  
P

0	10	20	30	40	50	60	70	80	90	100
100	90	80	70	60	50	40	30	20	10	0

0	10	20	30	40	50	60	70	80	90	100
100	90	80	70	60	50	40	30	20	10	0

# EXPERIMENT TWO

2.2 mL Respiration medium

← 10 mL 0.5 M KCN

← 20 mL 0.5 M succinate

← 20 mL 0.01 M ADP

← 10 mL 10 mM rotenone

← 20 mL 0.01 M ADP

← 20 mL 0.5 M glutamate

← 35 mL mitochondria

0 10 20 30 40 50 50 70 80 90 100  
100 90 80 70 60 50 40 30 20 10

0 10 20 30 40 50 50 70 80 90 100  
100 90 80 70 60 50 40 30 20 10

Lisa Pfeifferborn  
& Katie Glass

EXPERIMENT TWO

7

6

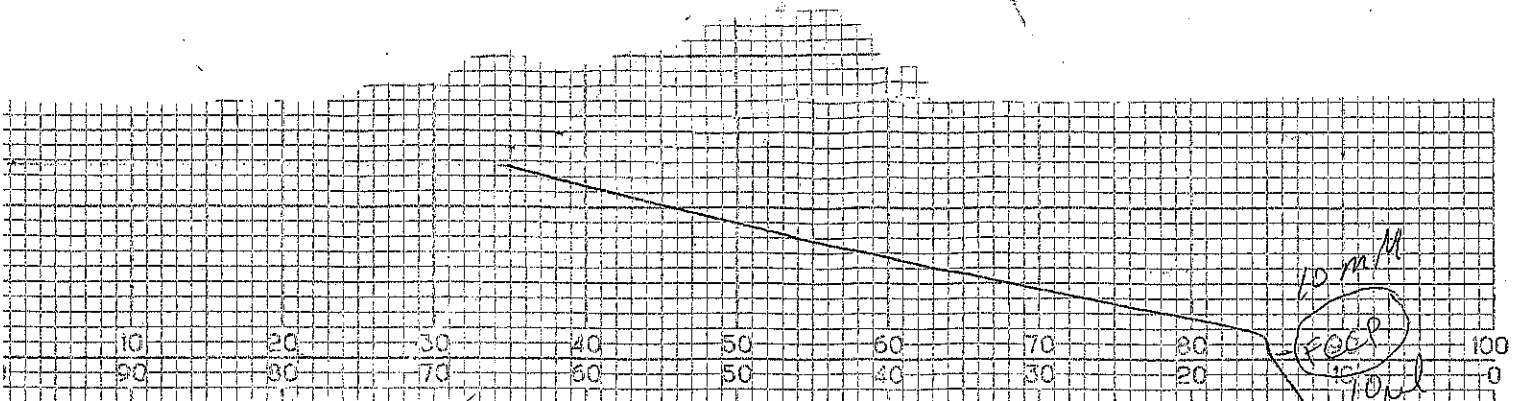
5

4

3

2

1



CHAMBER  
VOLUME: 1.9 ml

Expt. 3

succinate → 2.0 pl 0.5 M

20 μl mitochondria

50% →

100% →

succinate  
covered  
-m.  
TOP

~~100% COVERED~~

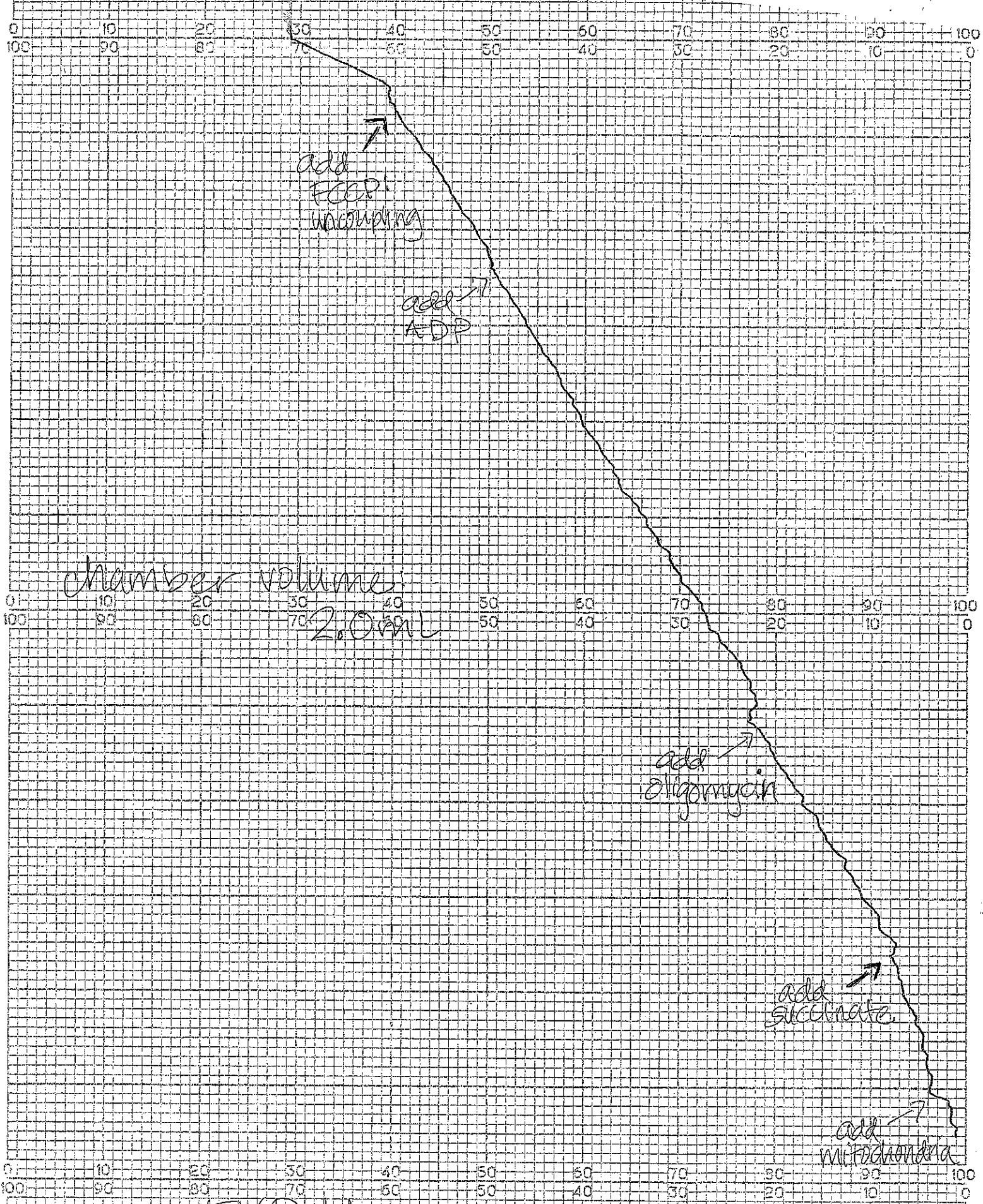


A DP

-glut

-mito.

SLABT. N. 27. 5. 2



chamber volume:  
2.0 ml

EXP. 4 : chamber volume 2.0 ml