

# My Special Dilution Sheet

*11 November, 2019*

## User Inputs

Version: v3

Food: Lysate

Dose response: TRUE

Minimum amount to pipette: 0.5

Number of drugs: 1

	Drug	Stock Conc. (mM)	Diluent	Drug Dose (uM)	Drug Plates	Wells
2	Fluoxetine	179	DMSO	0,7.8,15.62,31.125,62.5	12	12

## Food Setup

[1] “Total lysate mix needed: 19.6 mL (15 mg/mL), actually make: 20 mL”

[1] “Number of lysate tubes needed: 3”

[1] “Add 17 mL of K medium to lysate.”

[1] “Add 37.5 uL of Kanamycin to lysate mix.”

## Drug Dilutions

Drug	Diluent	Stock Conc. (mM)	Working Conc. (mM)	Dilution	Total Drug (uL)
Fluoxetine	DMSO	179	179	Do not dilute.	7.768126

## Plate Dilutions

[1] “Add 25 uL food + drug to wells with 50 uL worms.”

Condition	Diluent	Concentration (uM)	Plates	Food (uL)	Diluent (uL)	Drug (uL)
Fluoxetine	DMSO	0	12	3920.4	39.60	0.00
Fluoxetine	DMSO	7.8	12	3920.4	39.08	0.52
Fluoxetine	DMSO	15.62	12	3920.4	38.56	1.04
Fluoxetine	DMSO	31.125	12	3920.4	37.53	2.07
Fluoxetine	DMSO	62.5	12	3920.4	35.45	4.15