

EC50 Plate Seeding Protocol

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Protocol

1. Make cell suspension of 2.5×10^6 cells/ml - Seed cells at ~223k cells/well (90 μ L CS/well) - If using a new cell line complete a growth curve first to determine optimal seeding density
2. Dilute stock drug into dilution 1
3. Fill outside wells with ~150 μ L PBS

Drug	Dilution	Concentration	Units	Starting_Concentration
Cyclophosphamide	1	20	uM	20000
Cyclophosphamide	2	13.3	uM	13300
Cyclophosphamide	3	8.89	uM	8890
Cyclophosphamide	4	5.93	uM	5930
Cyclophosphamide	5	3.95	uM	3950
Cyclophosphamide	6	2.63	uM	2630
Cyclophosphamide	7	1.76	uM	1760
Cyclophosphamide	8	1.17	uM	1170
Cyclophosphamide	9	0.78	uM	780