

Appendix III

1. Prepare a 1mM stock solution of MTT formazan solution: 3.35mg of MTT formazan in 10mL of MTT solvent (0.1N HCl in isopropanol).

	MTT Solvent (μL)	1mM MTT formazan Stock (μL)	Final Volume (μL)	Final concentration (μM)
Std 0	500	0	500	0
Std 1	400	100	500	200
Std 2	300	200	500	400
Std 3	200	300	500	600
Std 4	100	400	500	800
Std 5	0	500	500	1000

2. Add 200 μ L of each of the standards in duplicate to a 96 well plate and read at 570 and 690 nm with the samples.

3. Use the delta OD values and the final concentrations of the standards to make a standard curve.