

Data Tables

Name _____

Date _____

Table 1. Zone of Inhibition

Plate	Test Reagent	Diameter of Zone of Inhibition (mm)	Average Zone (mm)
1	Control		
2	Control		
3	AgNPs		
4	AgNPs		
5	Soap		
6	Soap		
7	Disinfectant		
8	Disinfectant		

Table 2. Colony Counting

Plate	Amount of AgNPs (uL)	Colony Count	Average Colony Count
1	0		
2	0		
3	10		
4	10		
5	25		
6	25		
7	50		
8	50		
9	100		
10	100		
11	200		
12	200		
13	300		
14	300		

Table 3. Growth in Nutrient Broth

Tube	Amount of AgNPs (uL)	Absorbance at 600 nm							
		0 hrs	Avg. 0 hrs	____ hrs	Avg. ____ hrs	____ hrs	Avg. ____ hrs	24 hrs	Avg. 24 hrs
1	0								
2	0								
3	10								
4	10								
5	25								
6	25								
7	50								
8	50								
9	75								
10	75								
11	100								
12	100								