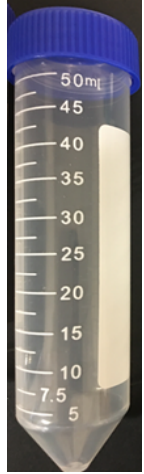
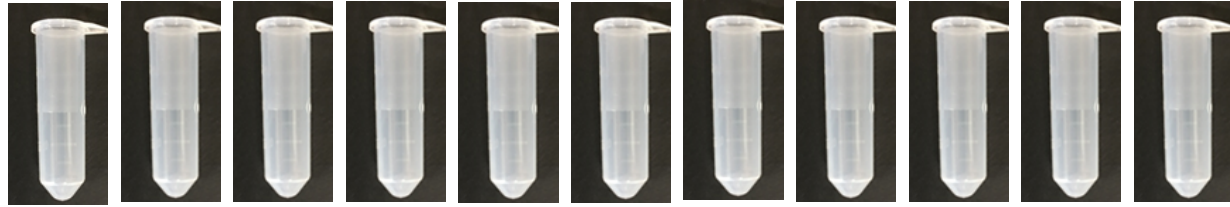


A.

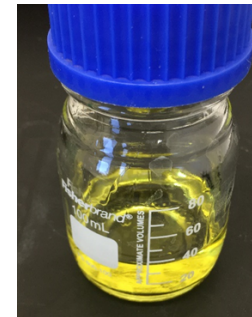
For glucose standard curve

1 mg/mL
glucose stock0 μg 20 μg 40 μg 60 μg 80 μg 100 μg 120 μg 140 μg 160 μg 180 μg 200 μg

→ Add 1 mg/mL of glucose in 20 μL increments + water to
1 mL final volume

↓
Glucose standards: Take 500 μL of all prepared
standards in screw capped tubes.

↓
Add 1 mL of 0.2 % Anthrone to each concentration
of glucose.

0.2 %
Anthrone
solution

↓
Boil at 100 $^{\circ}\text{C}$ for 10 minutes, cool on ice for 5 min. Read absorbance at
620 nm and plot scattered plot in Excel program.

B.

Concentration of glucose	Amount of 1 mg/mL glucose	Sterile water to a final volume of 1 mL
0 μg	0 μL	1000 μL
20 μg	20 μL	980 μL
40 μg	40 μL	960 μL
60 μg	60 μL	940 μL
80 μg	80 μL	920 μL
100 μg	100 μL	900 μL
120 μg	120 μL	880 μL
140 μg	140 μL	860 μL
160 μg	160 μL	840 μL
200 μg	200 μL	800 μL
0 μg	0 μL	1000 μL