1. Create ATP Assay Reaction Mixture (RM)
   1. Make 1 mL 1x Det Assay
      1. Mix 200 uL 4x Det Assay, 800 uL Nuclease Free Water, 17 uL DTT
      2. Add 1 mL of this to reaction mixture
   2. Add 5 uL of D-Luciferin (3 mg in 100 uL)
   3. Add 1 uL Luciferase
2. Add 30 uL RM to 3 uL sample
3. Let sit for 15 minutes
4. Collect data in biotek
   1. Excitation: 350, emission: 560, gain: 60
   2. Excitation: 350, emission: 640, gain: 60

\*Note this was wrong for this assay, shoul d have been doing luminescence instead