1. Create ATP Assay Reaction Mixture (RM)
   1. Make 0.25 mL 1x Det Assay
      1. Mix 0.05 mL 5x Det Assay, 0.2 mL Nuclease Free Water, 4.25 uL DTT
      2. Add 0.25 mL of this to reaction mixture
   2. Add 1.25 uL of D-Luciferin (3 mg in 100 uL)
   3. Add 0.25 uL Luciferase
2. Add 30 uL RM to 3 uL sample
3. Let sit for 15 minutes
4. Collect data in Biotek 2
   1. Collect Luminescence Endpoint, Gain 135 and 215
   2. From ‘20201102\_firefly\_luminescence\_protocol.prt’ protocol
5. Gain 135 is plotted