1. Create ATP Assay Reaction Mixture (RM)
   1. Make 5 mL 1x Det Assay
      1. Mix 1 mL 5x Det Assay, 4 mL Nuclease Free Water, 85 uL DTT
      2. Add 5 mL of this to reaction mixture
   2. Add 25 uL of D-Luciferin (3 mg in 100 uL)
   3. Add 5 uL Luciferase
2. Add 30 uL RM to 3 uL sample
3. Let sit for 15 minutes
4. Collect data in biotek
   1. Collect Luminescence Endpoint, Gain 135 and 215
   2. From ‘20201102\_firefly\_luminescence\_protocol.prt’ protocol
5. Gain 135 is plotted