**1L Fixing /Staining Solution:**

* 1. 0.5g Crystal Violet (0.05% w/v)
  2. 27mL 37 Formaldehyde (1%)
  3. 100mL 10x PBS (1%)
  4. 10mL Methanol (1%)
  5. 863mL ddH2O to 1L

**Staining:**

1. Remove media. Wash with 1x PBS twice
   1. □ first wash □ second wash
2. Add staining solution to cover dish
3. Stain for 20min at room temperature
4. Remove fix/stain solution
5. Wash with tap water under the sink.
6. Air dry overnight

**Quantifying:**

1. In a 24 well plate, add 200uL of 10% acetic acid
2. Leave on rocker for 15 minutes
3. Add 800uL of sterile water to each well
   1. Dilution is 1:4
4. Take 100uL of solution per sample into a 96 well, twice
   1. So this read will be in duplicate
5. Read at 590nm absorbance

**Analysis:**

1. Average each duplicate to have the read for one well
2. Graph the values for each independent well and the average value of the wells.
   1. Bar will be the average
   2. Scatter will be each independent point
3. May graph points as fold change (compare to vehicle)