**Wild Bacteria Lab Analysis and Conclusions**

**Data:**
Record drawings of each plate, being sure to label them with the antibiotic and culture used.

**Results:**
Describe what happened in complete sentences. Which antibiotics exhibited zones of inhibition? Was this inhibition for all species/cultures or just some? Why do you believe that is?

**Conclusion questions:**
1. What about antibiotics causes them to inhibit bacterial life?
2. Why don’t antibiotics work on viral infections?
3. What dangers are posed by antibiotic resistance? How does this resistance develop?
4. Research on your own one of the antibiotics you used. What is the specific mode of action for this antibiotic? Based on your findings, what microorganisms might have been present in your culture?

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