

Student Score = 30

**Explain why the second round of antibiotic treatment did not control the strep infection by using your knowledge of natural selection.**

The second round of antibiotics didn't control it simply because natural selection. First, there was a variation of bacteria which infected her making her sick. Then all those bacteria began over producing. When she started taking the antibiotic it killed off the bacteria it could making her feel better. But left bacteria that were resistant to the medications which made it possible for her to become very sick again quickly because those resistant bacteria multiplied and wouldn't die off to the medications even on her second round simply because they were resistant.

#### Student Response

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