

Cleanliness is Key! What Brand of Surface Cleaner Harbors the Least Bacteria?

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This study is related to how important working cleaners of all kinds are with all of the sicknesses like covid going around. This is very important because the world needs to know if the surface cleaners we know and trust actually kill the bacteria they promise to. Previous studies have shown that bacteria can be very harmful to the human body and if we don't find a way to stop these harmful bacteria, more people will die from infections and illnesses. We started this experiment to see which surface cleaner actually works best against bacterial growth. We grew the bacteria for two weeks in petri dishes. After that, we dropped three drops of surface cleaner on 3 small sterile discs in each dish, spread out from each other. After fifteen days of collecting our data five days at a time, we were able to determine which of the brands we had given the most protection against bacteria. Our evidence did not support our hypothesis and on the fifteenth day of measuring, the Lysol ' s zone of inhibition was an average of 2.4 centimeters in diameter which was way better than the Mr. Clean ' s final average zone of inhibition was 1.1 centimeters in diameter.

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