

The materials required to perform this experiment included: 5 milliliters of 4 different samples of honey (Sample 1, Sample 2, Sample 3, and Sample 4), a centrifuge, pipettes, an incubator, 10 milliliters of water x4, 300 microliters of lysis solution x4, wash buffers, an ice bath, an incubator, an electrophoresis chamber and power supply, gel casting trays, agarose gel, and 8 eppendorf tubes.

1. Cather honey samples
1. Slowly put 70g of each sample in Eppendorf tubes
2. Mix the 70g with 140 mL water to lessen the viscosity of the honey
3. Centrifuge it for 30 seconds
4. Take out the extra water (on top) from the samples with a micro pipettor
3. Repeat steps 4-6 two more times
6. Use Micro pipettor to add boric solution (3 mL) into the tubes with the diluted honey and grind slowly to even out the minerals
7. Place the solution upon the incubator (45 °C) for 10 minutes
8. Centrifuge for three minutes

2.6	Accession #	1. Sample	2. Sex	3. Age	4. Y	5. Day
1975	92071221@fcdm00000001	Organ cultured from male to thymus 12 12 days after birth, 12 days after birth 12 days, 12 days, 12 days	MALE	12	12	12

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Intrigued by the results of the Safety News, a similar study of honey samples was conducted. The study, titled "All Natural", "All Pure", and "All Honey" was designed to see if the results would be the same for honey samples. The honey samples were purchased from the start of the Urban Barcode Project. The samples were purchased for purchasing one sample of honey from each of the 100 stores in New York City.

From the results, it can be concluded that the orange blossom was the least purified or processed honey in which DNA was sequenced. To trace further investigation needed to be done to trace for origin and mislabeling. A similarity helped identify that the sequence from honey was compared to the sequence from orange blossom, only a 90.35% similarity shows how the honey inside that bottle was from the orange flower, but both from the honey also had 54.89% similarity shows that the pollen from also the process, it was concluded from also the

Discussion

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