

# Download Fruit Dna Extraction Lab Conclusion

The DNA was extracted due to the dishwashing liquid/detergent busts open the cells of the fruit, releasing the DNA and the salt helps as it ensures that the proteins in the cells are not separated from the rest of the solution with the DNA. In plants, the DNA determines the maturity rate, the size of fruits and fruit color. The plant DNA also determines drought resistance and disease resistance. DNA extraction isolates DNA strands from the cells of living organisms. Given the momentousness of the DNA, it is one area that has adequately intrigued many researchers. Student Activity - DNA Extraction. Materials . Time required: ~ 45 minutes. 1-liter Zipper bag (one per student pair) with 20 ml of extraction buffer Skinned and freshly cut kiwi fruit (each fruit cut into 12 pieces) or one large strawberry (each provides ~30 g per student pair) 500 ml beaker (class) Conclusion In the experiment, DNA was successfully extracted from a strawberry, demonstrating the process a real life scientists would possibly extract DNA from cells. The lab was intact successful for the group and I were able to extract a visible amount of DNA from the mixture.