

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. Secondly, the detergent is added to the pulp of the fruit so as to release the DNA from the cell membranes, which encapsulate it. Thirdly, it is necessary to filter the mixture to separate the nucleic acid from the remains of the cellular membranes. Finally, the DNA is precipitated in alcohol where it becomes visible. Strawberry DNA Extraction Lab Formal Write Up. -In real world situations DNA extraction would be used in something as complex as a murder investigation, in which DNA would have to be extracted to match a perpetrator to the evidence, or as simple as a pregnancy test. -A single cotton thread can not be seen from 100 feet away,...