**DNA Extraction from Strawberries Lab Key**

**Answers to the Post-Lab Questions**

1. To break down the cell wall and to separate the cell components.
2. It removes larger particles from the solution. It is selectively permeable, allowing only smaller cell parts such as DNA and proteins to pass.
3. The buffer helps to remove the DNA from the rest of the strawberry’s cell components.
4. The different solutions separated and the DNA precipitated out of the strawberry solution.
5. DNA looked like a white, cloudy substance or perhaps a white, stringy material. In mass, it can be seen without the use of a microscope although specific parts of the DNA cannot be viewed.