

Strawberry DNA Extraction Lab

by C. Kohn, WIMS and Stacy Fritz, NMAE



Name: Mariyam Ali Hour: _____ Date: Monday May 15th

Date Assignment is due: May 12th Why late? Forgot about submitting. Score: _____/10
Day of Week, Date If your project was late, describe why

Materials

measuring cup

1/2 teaspoon salt

detergent cheesecloth

3 strawberries (green tops removed)

measuring spoons

1/3 cup water

Re-closable plastic sandwich bags

cup

ice-cold rubbing alcohol

1 tbsp Dawn dishwashing

test tube (or small glass jar)

bamboo kabob skewer or Q-tip



Directions:

Mix the salt, water, and Dawn detergent in a glass or small bowl. Set the mixture aside.

This is your extraction liquid.

Line the funnel with the cheesecloth, and put the funnel's tube into the glass.

3. Put the strawberries in the plastic bag and push out all the extra air. Seal it tightly.
4. With your fingers, squeeze and smash the strawberry mixture for 2 minutes.
5. Add 3 tablespoons of the extraction liquid you made in Step 2 to the strawberries in the bag. Push out all the extra air and reseal the bag.
6. Squeeze the strawberry mixture with your fingers for 1 minute.
7. Put cheesecloth over the funnel and place the funnel in your test tube. Pour the strawberry mixture from the bag into the funnel. Let it drip into the test tube until there is no liquid left in the funnel.
8. Throw away the cheesecloth and the strawberry pulp inside. Pour out the contents of the test tube so it is 1/4 full.
9. Tilt the test tube or jar and **very slowly** pour the cold rubbing alcohol down the side. The alcohol should form a layer on top of the strawberry liquid. (Don't let the alcohol



Dna Extraction Lab Answers

Lauren Gardner



Dna Extraction Lab Answers:

Dna Extraction Lab Answers: Bestsellers in 2023 The year 2023 has witnessed a remarkable surge in literary brilliance, with numerous engrossing novels captivating the hearts of readers worldwide. Lets delve into the realm of bestselling books, exploring the engaging narratives that have charmed audiences this year. The Must-Read : Colleen Hoover's "It Ends with Us" This heartfelt tale of love, loss, and resilience has captivated readers with its raw and emotional exploration of domestic abuse. Hoover expertly weaves a story of hope and healing, reminding us that even in the darkest of times, the human spirit can triumph. Uncover the Best : Taylor Jenkins Reids "The Seven Husbands of Evelyn Hugo" This intriguing historical fiction novel unravels the life of Evelyn Hugo, a Hollywood icon who defies expectations and societal norms to pursue her dreams. Reids captivating storytelling and compelling characters transport readers to a bygone era, immersing them in a world of glamour, ambition, and self-discovery. Dna Extraction Lab Answers : Delia Owens "Where the Crawdads Sing" This evocative coming-of-age story follows Kya Clark, a young woman who grows up alone in the marshes of North Carolina. Owens weaves a tale of resilience, survival, and the transformative power of nature, captivating readers with its evocative prose and mesmerizing setting. These popular novels represent just a fraction of the literary treasures that have emerged in 2023. Whether you seek tales of romance, adventure, or personal growth, the world of literature offers an abundance of compelling stories waiting to be discovered. The novel begins with Richard Papen, a bright but troubled young man, arriving at Hampden College. Richard is immediately drawn to the group of students who call themselves the Classics Club. The club is led by Henry Winter, a brilliant and charismatic young man. Henry is obsessed with Greek mythology and philosophy, and he quickly draws Richard into his world. The other members of the Classics Club are equally as fascinating. Bunny Corcoran is a wealthy and spoiled young man who is always looking for a good time. Charles Tavis is a quiet and reserved young man who is deeply in love with Henry. Camilla Macaulay is a beautiful and intelligent young woman who is drawn to the power and danger of the Classics Club. The students are all deeply in love with Morrow, and they are willing to do anything to please him. Morrow is a complex and mysterious figure, and he seems to be manipulating the students for his own purposes. As the students become more involved with Morrow, they begin to commit increasingly dangerous acts. The Secret History is an exceptional and thrilling novel that will keep you wondering until the very end. The novel is a cautionary tale about the dangers of obsession and the power of evil.

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Table of Contents Dna Extraction Lab Answers

1. Understanding the eBook Dna Extraction Lab Answers
 - The Rise of Digital Reading Dna Extraction Lab Answers
 - Advantages of eBooks Over Traditional Books
2. Identifying Dna Extraction Lab Answers
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Dna Extraction Lab Answers
 - User-Friendly Interface
4. Exploring eBook Recommendations from Dna Extraction Lab Answers
 - Personalized Recommendations
 - Dna Extraction Lab Answers User Reviews and Ratings
 - Dna Extraction Lab Answers and Bestseller Lists
5. Accessing Dna Extraction Lab Answers Free and Paid eBooks
 - Dna Extraction Lab Answers Public Domain eBooks
 - Dna Extraction Lab Answers eBook Subscription Services
 - Dna Extraction Lab Answers Budget-Friendly Options
6. Navigating Dna Extraction Lab Answers eBook Formats
 - ePub, PDF, MOBI, and More
 - Dna Extraction Lab Answers Compatibility with Devices
 - Dna Extraction Lab Answers Enhanced eBook Features
7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Dna Extraction Lab Answers
 - Highlighting and Note-Taking Dna Extraction Lab Answers
 - Interactive Elements Dna Extraction Lab Answers
8. Staying Engaged with Dna Extraction Lab Answers

- Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Dna Extraction Lab Answers
9. Balancing eBooks and Physical Books Dna Extraction Lab Answers
- Benefits of a Digital Library
 - Creating a Diverse Reading Collection Dna Extraction Lab Answers
10. Overcoming Reading Challenges
- Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
11. Cultivating a Reading Routine Dna Extraction Lab Answers
- Setting Reading Goals Dna Extraction Lab Answers
 - Carving Out Dedicated Reading Time
12. Sourcing Reliable Information of Dna Extraction Lab Answers
- Fact-Checking eBook Content of Dna Extraction Lab Answers
 - Distinguishing Credible Sources
13. Promoting Lifelong Learning
- Utilizing eBooks for Skill Development
 - Exploring Educational eBooks
14. Embracing eBook Trends
- Integration of Multimedia Elements
 - Interactive and Gamified eBooks

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