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Strawberry Dna  
Extraction Lab  
Question  
Answers

# **Strawberry Dna Extraction Lab Question Answers**

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## **question Lab**

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Question

~~The Sci Guys:~~

~~Science at Home—~~

~~SE2—EP15:~~

~~Extracting~~

~~Strawberry DNA~~

Strawberry DNA

Extraction Lab

Explanation

Strawberry DNA

Extraction

*Strawberry DNA*

*Extraction Science*

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~~Mom Extracts DNA  
from a Strawberry~~

**Extracting DNA  
from  
strawberries and  
eating it**

*Strawberry DNA -  
Sick Science! #114*

~~Strawberry DNA  
Extraction DNA  
Extraction  
Explained~~

---

How to Extract  
DNA from

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Strawberries Lab

---

Strawberry DNA  
Extraction Lab  
demonstration

*How  
DNA Can Be  
Extracted From  
Fruit | Genetics |  
Biology |  
FuseSchool* **Want  
to see your own  
DNA? | Extraction  
of DNA from  
Saliva | DIY  
Science**

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Experiment | Lab  
Biotechnology To  
Study The  
Texture of Soil  
Samples 12th  
bio. Practical  
no.15 CLASS-12 /  
Potato  
Osmoscope  
(Practical-1)  
Everyone can do  
at home - By  
Prof.Prakash  
Surve(Moderator



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) Effect of  
temperature and  
pH on amylase  
activity DNA

Extraction from  
Banana Plant

Biotech Lab Tour

**What is DNA and  
How Does it  
Work?** DNA

Extraction from  
Onion *Squishing  
Food for Science!*  
*Dissection of*

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*Hibiscus Flower*

*\u0026 T.S. of  
Ovary (Practical-2 )*

*By Prof.Prakash*

*Surve(Moderator)*

*#GSCAtHome: DNA*

*Extraction from*

*Strawberries*

---

*DNA Extraction  
from Strawberries*

*DIY Science: How  
to Extract DNA*

*from a Strawberry -  
University of*

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~~Leicester How to  
extract DNA from  
Strawberries |  
Noble Academy  
hands on  
experiment~~

Strawberry DNA  
Extraction  
Experiment

*Carolina Quick  
Tip®: Strawberry  
DNA Extraction  
Strawberry DNA  
Extraction*

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Extracting DNA

from fruit

Strawberry Dna

Extraction Lab

Question

Answer Key for  
Strawberry DNA

Lab Part I:

Questions 1. What was the purpose of mashing up the strawberry? To break down the cell wall, cellular and

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nuclear

membranes. 2.

What does the  
extraction buffer  
do? (Hint:

Extraction buffer  
contains soap.

What does soap do  
when you wash  
your hands?)

Answer Key for  
Strawberry DNA  
Lab - WPHS VoAG

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Extraction Lab

Question Answers  
of DNA. Each cell in  
a strawberry  
contains 8 copies  
of its genetic  
information  
(octoploid), while  
human cells only  
contain 2 copies  
(diploid). DNA  
Extraction from

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Extraction Lab  
miniPCR While  
other fruits are soft  
and just as easy to

Strawberry Dna  
Extraction Lab  
Question Answers  
Strawberry DNA  
Extraction Lab  
Discussion  
Questions. Give a  
definition for cell  
lysis. Identify the

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part(s) of the procedure where i) mechanical cell lysis, and ii) chemical cell lysis occurred. Explain the role of dish soap in a DNA extraction lab procedure. Use the terms lipids, proteins and membrane in your answer.



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Strawberry DNA  
Extraction Lab | A  
Fruity Experiment

...

1. See lab handout  
“Strawberry DNA  
Extraction”

Questions: 1. Have  
students complete  
the “Student  
Response”  
worksheet. 2.

Answer any

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questions from the list made at the beginning of class.

Closure: 1. Ask students what they learned about DNA and strawberries. 2. Ask students where DNA is found. 3. Ask them what the four main steps were of the DNA extraction. Crushed the cells

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to release the DNA.

Question  
Answers  
Strawberries &  
DNA - Educational  
Resources

But with this  
strawberry DNA  
extraction science  
experiment, you  
can encourage the  
DNA strands to  
release from their  
cells and bind  
together into a

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Extraction Lab  
format that's  
visible with the  
naked eye. You can  
do this experiment  
with any fruit or  
vegetable, but  
strawberries are  
one of the best  
fruits to use due to  
their high number  
of DNA strands per  
cell (8 versus an  
ordinary 4)!

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Strawberry DNA  
Extraction Lab For  
Kids | Little Bins for  
Answers

Ahead of dealing  
with Strawberry  
Dna Extraction Lab  
Worksheet  
Answers,  
remember to are  
aware that  
Instruction will be  
our key to an even  
better another day,

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Extraction Lab  
along with  
understanding  
won't only end  
once the classes  
bell rings.Of which  
becoming stated,  
we all supply you  
with a a number of  
very simple still  
beneficial articles  
and web templates  
manufactured  
appropriate for  
every helpful

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purpose.

Question  
Strawberry Dna  
Extraction Lab  
Worksheet Answers

...

on Strawberry DNA  
Extraction Lab  
Formal Write Up  
Why are  
strawberries used  
for DNA extraction?  
Ready strawberries  
are a great hotspot

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Extraction Lab  
Question  
Answers

for separating DNA since they are anything but difficult to pummel and contain proteins called pectinases and cellulases that help to separate cell dividers.

Strawberry DNA  
Extraction Lab  
Formal Write Up -



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PHDessay.com

1. Mix salt, water, and soap in a small bowl to make “extraction liquid”
2. Cut off the tops of the strawberries and cut them into halves
3. Put the strawberries in plastic bag, push out all air, and use your hands to mash the

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Question  
Answers

strawberries for 2  
minutes 4.

DNA Extraction  
from Strawberries -  
miniPCR

9. "spool" the dna gently onto your stirring rod or inoculating loop.
10. place dna onto the filter paper and weigh the filter paper with dna to

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determine the amount of dna you were able to extract from the strawberry. pre-lab question: (NEED HELP !!!!!) 1. where can DNA be found in the cell ? 2.

Strawberry DNA  
Extraction Lab (Pre-  
Lab Questions)? |

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To get started  
finding Strawberry  
Dna Extraction Lab  
Question Answers ,  
you are right to  
find our website  
which has a  
comprehensive  
collection of  
manuals listed. Our  
library is the  
biggest of these  
that have literally

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hundreds of  
thousands of  
different products  
represented.

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Question Answers

...

Add  
kiwi/strawberry  
fruit into extraction  
solution in the  
zipper bag. Close

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bag and squeeze out air. Crush the kiwi/strawberry thoroughly for 5 minutes. CAREFUL don't break the bag! Place the bags into the hot water bath for about 10-15 minutes, making sure the fruit solution is fully beneath the water

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Question  
Activity 1 - DNA  
Extraction  
Answers

This Strawberry  
DNA Extraction Lab  
Worksheet Answers  
the question of  
how to recover the  
genetic material  
from a fresh  
strawberry. The  
Strawberry DNA  
Extraction Lab

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Workbook answer  
that the natural  
methods should be  
used, but there are  
times when a  
sample is needed  
that cannot be  
obtained using  
natural means.

## Strawberry DNA Extraction Lab Worksheet Answers

3. Explain what



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Strawberry Dna

happened in the  
final step when you  
added ethanol to  
your strawberry  
extract (Hint: DNA  
is soluble in water,  
but not in ethanol)  
The ethanol and  
the strawberry  
extract remained  
separate. Since  
DNA isn't soluble in  
ethanol, the DNA  
became more

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visible. 4. A person cannot see a single cotton thread 100 feet away, but if you wound thousands of threads together into a rope, it would be visible much further away. Is this statement analogous to our DNA extraction? Explain.

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Strawberry DNA  
Extraction Lab.pdf -  
DNA Extraction ...

Strawberry DNA  
Extraction Lab  
DRAFT. 6th - 9th  
grade. 148 times.  
Biology. 67%  
average accuracy.  
6 months ago.  
myersamy. 0.  
Save. Edit. Edit.  
Strawberry DNA

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Extraction Lab

DRAFT. .... 9

Questions Show  
answers. Question

1 . SURVEY . 30  
seconds . Q. Why  
do we squish the  
strawberry well for  
a few minutes?  
answer choices

Strawberry DNA  
Extraction Lab |  
Biology Quiz -

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Quizizz Question Lab

Strawberries are a great choice for a DNA extraction lab because they are octoploid, meaning that they have eight copies of each type of DNA chromosome. (Human cells are generally diploid, meaning they have two sets of

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chromosomes.  
Most organisms  
only have one  
genome copy per  
cell.) Each  
component of the  
extraction mixture  
plays a part.

Science-U @ Home  
/ Strawberry DNA  
Experiment  
strawberry DNA  
extraction lab help

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plz? Hey guys i  
dont seem to  
understand these  
questions some  
help will be greatly  
appreciated!: 2.)

What is the  
purpose of the dish  
washing liquid and  
the salt in the  
extraction buffer?

3.) Explain what  
happened when  
the ethanol came

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Strawberry Dna

in contract with the  
strawberry extract  
and why.

Question  
Answers

strawberry DNA

extraction lab help

plz? | Yahoo

Answers

STRAWBERRY DNA

EXTRACTION DNA

instructions are

divided into

segments called

genes. All



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Extraction Lab

organisms have genes that determine various biological traits.

Some of these are immediately visible, such as eye color or hair color, and some are not, such as blood type or musical talent.

## STRAWBERRY DNA EXTRACTION -

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companies. For DNA extraction, detergent is used to lyse the cell so that DNA is released into the solution. Then alcohol is added to cause the DNA to precipitate out. Strawberries are chosen for this particular

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experiment Lab

because strawberry

cell has eight

copies of the

genome, and it

would be easier to

extract the DNA

since it is

EXTRACTING DNA

FROM

STRAWBERRIES -

Michigan

At the end of class,

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Ask the students whether they preferred the online extraction or the hands on lab. For the most part, students preferred the hands on lab because they were able to touch the materials. The students also said they felt it was helpful to have

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Strawberry Dna  
Extraction Lab  
completed the  
online extraction  
prior to completing  
the strawberry DNA  
extraction.

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