



ASSIST

AUSTRALIAN SCHOOL SCIENCE
INFORMATION SUPPORT FOR
TEACHERS AND TECHNICIANS

Published on ASSIST (<https://assist.asta.edu.au>)

[Home](#) > [Laboratory Notes: Phenolphthalein/NaOH agar cube experiment](#)

Laboratory Notes: Phenolphthalein/NaOH agar cube experiment

Posted by [sat](#) on Mon, 2018-11-26 11:00

Investigating the effect of cell size on diffusion (absorption) rate (speed) is a common investigation carried out by secondary students. It is modelled with a simple experiment using different-sized cubes of agar containing a pH indicator.

These laboratory notes provide a method for producing Phenolphthalein - sodium hydroxide agar and directions for conducting the experiment. Safety considerations and waste disposal instructions are also included.

Tags:

[agar](#)

[phenolphthalein](#)

[diffusion](#)

[cells](#)

[AIS](#)

File:

 [Laboratory notes: Phenolphthalein/NaOH agar cube experiment](#)

Source Category:

ASSIST

[Phenolphthalein/NaOH agar cube experiment](#)



Average: 3 (2 votes)

Publication Date:

November, 2018

[Molecular diffusion](#)

Source URL: <https://assist.asta.edu.au/resource/4412/laboratory-notes-phenolphthaleinnaoh-agar-cube-experiment>