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Homeostasis - Osmoregulation

Posted by Anonymous on Wed, 2015-02-25 09:06

Homeostasis - Osmoregulation: I am looking for an interesting and unique experiment relating to osmoregulation/salt-water balance.

Does anyone have any ideas or a prac they have used before?

Voting:



No votes yet

Year Level:

Senior Secondary

Laboratory Technicians:

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Homeostasis - Osmoregulation

Submitted by hsilvest on 25 February 2015

The experiment from this website has been tried and works well: <http://www.nuffieldfoundation.org/practical-biology/investigating-effect...>

The experiment involves identifying how much Ribena needs to be diluted before it becomes isotonic to potato cubes.

Students then do their own investigation with a fluid of their own choice (i.e., lemonade, orange juice, etc.) to determine the correct dilution to give to a dehydrated child (i.e., with the same solute concentration as the potatoes).

Source URL: <https://assist.asta.edu.au/question/2673/homeostasis-osmoregulation>