



THE UNIVERSITY  
of ADELAIDE

Faculty of Sciences

# Classroom Activity

10 Big Question: How do we unravel the causes of disease?

## Try an ELISA

They're not just useful for detecting tumour markers; the ELISA is actually a fairly common laboratory technique that has a lot of different applications.

You can try your hand at performing one yourself in a couple of different ways. If you have access to some basic laboratory equipment, you can order a simple ELISA kit like this one from Bio-Rad:

[+] [www.bio-rad.com/en-us/product/elisa-immuno-explorer-kit](http://www.bio-rad.com/en-us/product/elisa-immuno-explorer-kit)

If you don't have access to a lab but still want to have a go, here's a virtual lab which will let you do just that from the comfort of your computer:

[+] [www.hhmi.org/biointeractive/immunology-virtual-lab](http://www.hhmi.org/biointeractive/immunology-virtual-lab)

Remember, there are no short cuts in science, so don't try to skip ahead or you might find your test fails!