TheCaseSolutions.com

Vision 2020: Takeda and the Vaccine Business

TheCaseSolutions.com

Vision 2020: Takeda and the Vaccine Business

What is a vaccine?

A vaccine is when you get an injection of a weakened form/dead version of a pathogen inside of your body.

TheCaseSolutions.com

What does a vaccine do?

A vaccine simulates our white blood cells to produce lymphocytes to multiply and make antibodies. These antibodies will then find the weakened pathogen and destroy it

TheCaseSolutions.com

What is in a vaccine

In a vaccine, there is:

- live pathogens treated to make them harmless
- harmless fragments of the pathogen
- toxins produced by pathogens
- dead pathogens

TheCaseSolutions.com

Why do we have vaccines as children?

Vaccines in a early childhood give us more protection from many serious diseases. In some cases we are given more than one like MMR.
At times, a vaccine booster is needed as our immune system memory starts to weaken and needs anti tetanus.

TheCaseSolutions.com

Questions

- What is a pathogen?
- What do vaccines contain
- What do white blood cells do?
- What type of white blood cell produces antibodies?
- How do antibodies help to defend us against pathogens invading

TheCaseSolutions.com

TheCaseSolutions.com

Vision 2020: Takeda and the Vaccine Business