

A major study to determine the extent of previous infection with coronavirus in different populations across the UK and how these rates change over time. These results will help inform the process of assisting in managing the pandemic.

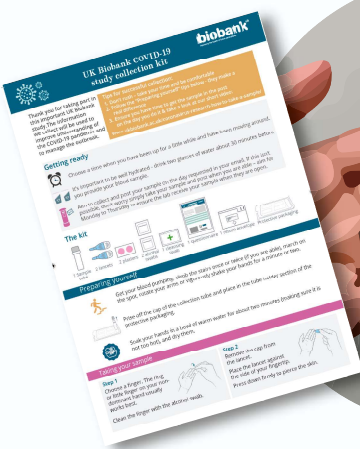
The study

We have recruited 20,000 volunteers, made up of UK Biobank participants and their adult children and grandchildren living in different households to provide generalisable evidence for the UK population.



Samples

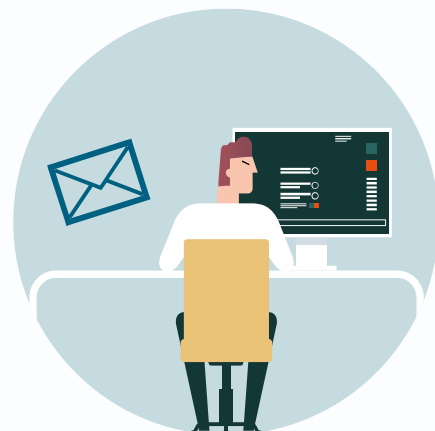
Participants are asked to complete a short survey about any **symptoms** they have experienced.



Participants receive **monthly collection kits**, and are asked to provide 0.5ml sample of blood from their fingertip.

Analysis

Samples are returned in protective envelopes to UK Biobank and **undergo validated antibody measurement** performed by the Target Discovery Institute based at the University of Oxford.



This study will provide vital information about changes in the rates of previous infection across the UK as we come out of national lockdown.

“ We believe most people have mild or no symptoms of infection with coronavirus, but a small proportion fall very ill. This study will help determine the proportion of people who have been infected and, crucially, how long they are immune from further infection. Much better understanding of how long antibodies to coronavirus stay in the blood, and how quickly immunity wears off, are vital to finding a way out of this pandemic. ”

Professor Rory Collins, UK Biobank Principal Investigator