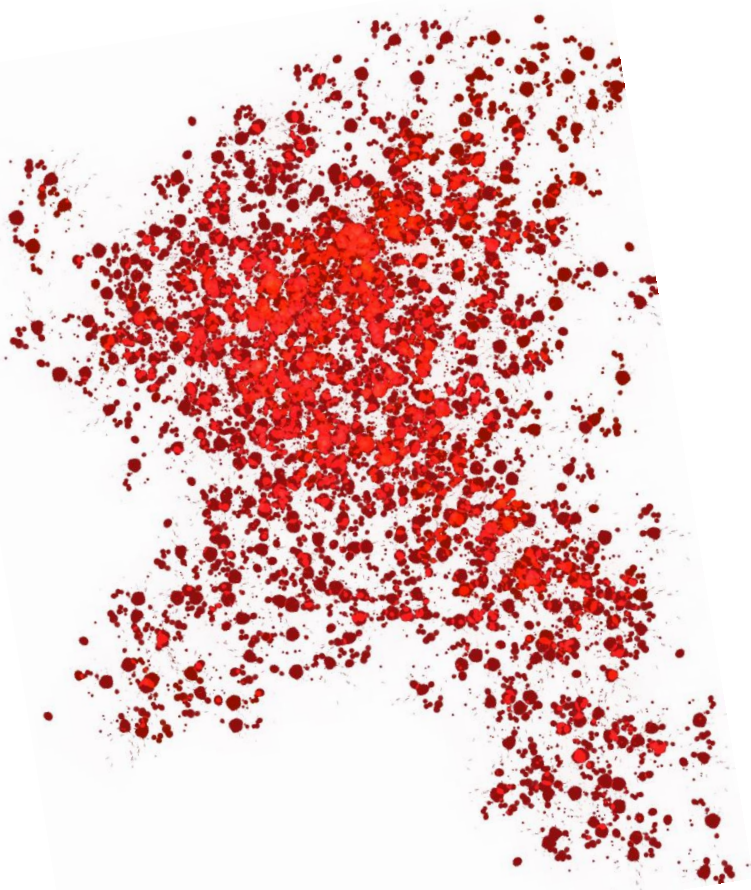


What happens to my blood sample?

The logo for NHS Greater Glasgow and Clyde, featuring the letters 'NHS' in a large, bold, blue font, with a stylized blue wave or swoosh underneath, and the text 'Greater Glasgow and Clyde' in a smaller, blue font below the wave.

Viruses such as HIV, Hepatitis B and Hepatitis C are considered *blood borne* since they can be detected in a blood sample or a dried blood spot

Anyone can test positive for a blood borne virus but you may be more at risk if you inject drugs or have unprotected sex

Importantly, these viruses are:

- **Highly infectious** and can spread to others in bodily fluids
- **Treatable once diagnosed**
- **Treatment controls disease and spread**

1

Blood samples are machine **screened** to detect the virus or an immune response to the virus



If both of these tests are positive, the presence of a virus is confirmed

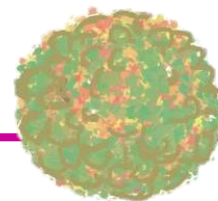
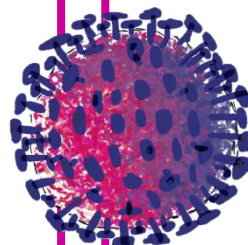


2

A **second confirmatory test** is performed on positive samples to **prevent false results**

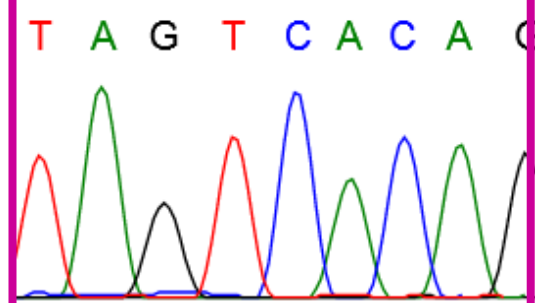
3

The **amount of virus** in a blood sample is measured to predict future responses and check drugs are working



4

The virus' **genetic code is read** to check for mutations which could make it resistant to certain drugs



Biomedical and clinical scientists analyse and report the results to healthcare providers to ensure:

- **You know your status**
- If positive, you are referred to a specialist clinic
- The amount of virus in your blood is monitored
- Importantly, you receive the **correct medication**

