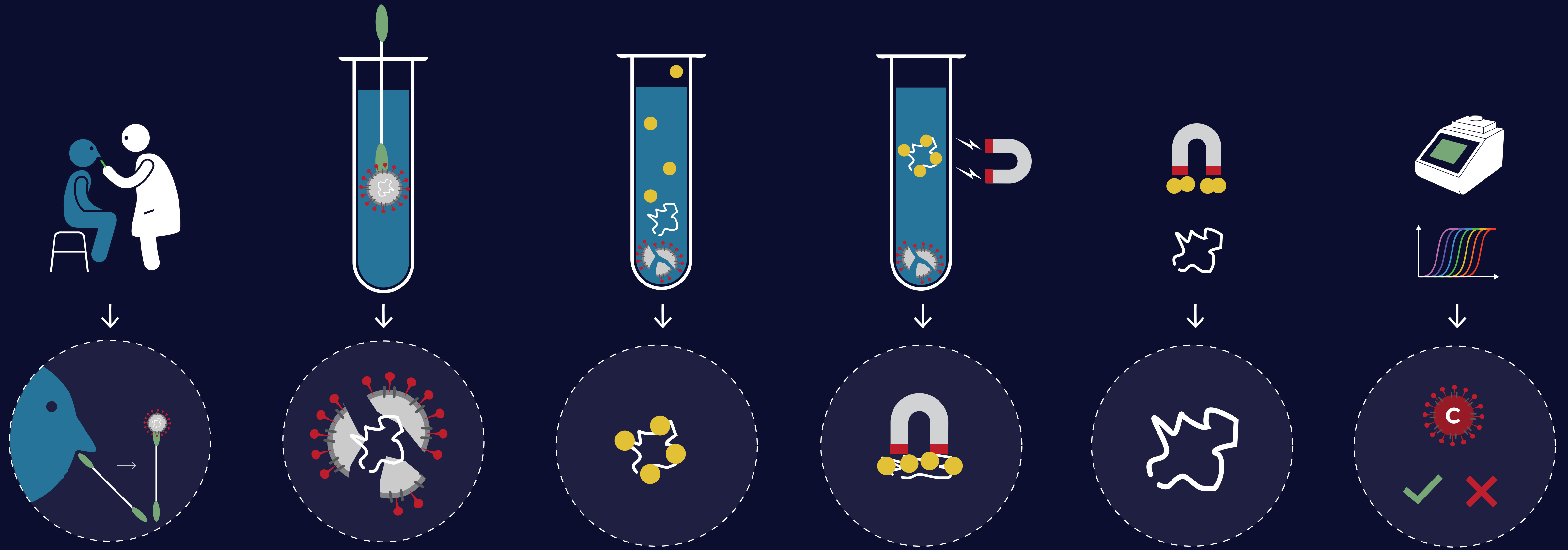


Test method for COVID-19



1 A mucus sample is taken from the nose or throat.

2 The sample is mixed with a chemical solution that causes the protein envelope around the virus to crack open.

3 Magnetic nanoparticles are added to the solution. The virus's RNA binds to the particles.

4 A magnet pulls the RNA and nanoparticles from the solution.

5 The RNA is released from the nanoparticles for analysis.

6 The RNA is analysed in a PCR machine which determines if the RNA is from the coronavirus.