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.