

## **Technical specification – UK Biobank coronavirus antibody test**

The UK Biobank coronavirus antibody testing kit comprises a single use blood collection kit and a laboratory-based antibody test for the detection of IgG antibodies against the SARS-CoV-2 trimeric spike protein in capillary whole blood.

The testing kit contains all the materials required for the collection of a finger-prick (capillary) blood sample which is then sent to a laboratory for analysis using a novel 384-well ELISA (the Oxford immunoassay) for the quantitative determination of antibodies to the SARS-CoV-2 spike protein (see DOI:[https://doi.org/10.1016/S1473-3099\(20\)30634-4](https://doi.org/10.1016/S1473-3099(20)30634-4))

### **Standard kit contents**

- 2 x BD Microtainer™ Contact-Activated Lancet 2.0mm depth; 1.5mm width blade
- 1 x Greiner MiniCollect tube (P/N 450532)
- 2 x Aero wipes
- 2 x Plasters
- 1 x Aero cleansing swab
- 1 x UN3373 PE return envelope
- 1 x Symptoms survey
- 1 x Instructions for use (IFU) leaflet
- 1 x Secondary leakproof, super absorbent laminated clamshell