

Viral Test

Does someone currently have COVID-19?

Sample Collection

Sterile swabs (Polypropylene, Nylon, Injection molding/tooling ●)

Plastic Vial (Polypropylene)
Lab Supply Companies

Viral Transport Medium (VTM)
(VERSENE™ chelating agent ●)
Biotechnology Company

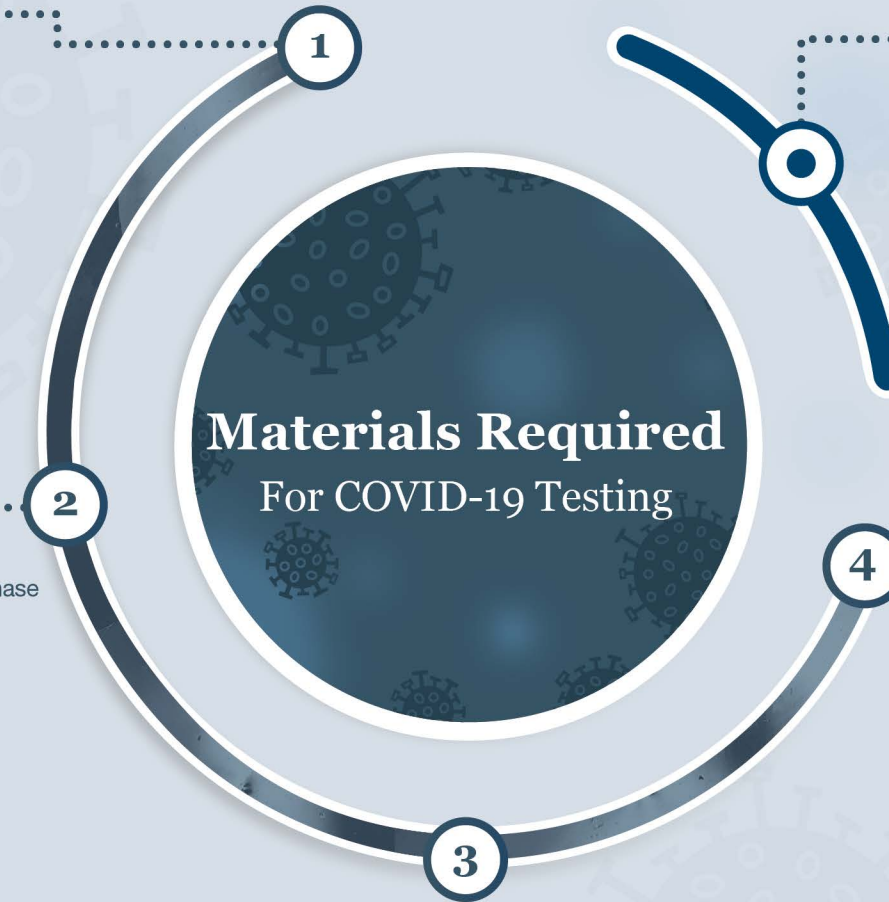


RNA Extraction

Extraction Solution (Phenol, Guanidine Isothiocyanate ●, Ammonium Thiocyanate, Proteinase K, TRITON™ X surfactant ●, other enzymes)
Lab Supply Companies

Chloroform
Lab Supply Companies

Plastic Pipette Tips (Polypropylene, Injection molding/tooling ●)
Lab Supply Companies



Materials Required For COVID-19 Testing

Antibody Test

Did someone previously have COVID-19?



PCR Assay

Primer (Oligonucleotides)
Oligonucleotide Suppliers

Plastic Well Plate (Polypropylene, Polycarbonate, Injection molding/tooling ●)
Lab Supply Companies

Plastic Pipette Tips (Polypropylene, Injection molding/tooling ●)
Lab Supply Companies

PCR Soln (Taq Polymerase)
(TRITON™ X surfactant ●, VERSENE™ chelating agent ●, CARBOWAX™ SENTRY™ PEG ●, performance solvents ●)
Lab Supply Companies

Detection Dye
Lab Supply Companies



RNA Purification

Plastic Vial (Polypropylene)
Lab Supply Companies

Filtration Media (Silica Membrane Column)
Lab Supply Company

Plastic Pipette Tips (Polypropylene, Injection molding/tooling ●)
Lab Supply Companies

Tris buffer
Lab Supply Companies

Ethanol or Isopropanol ●
Lab Supply Companies



- Bottleneck
- Dow Product