

## RESEARCH

Exploration & Discovery

**Instruments, reagents and software solutions** - help researchers

- Study immune responses to viral infection
- Isolate and characterize virus-specific T and B cells
- Assess immunogenicity of vaccine candidates
- Perform deep immunophenotypic and transcriptional single-cell multiomic analysis of immune cells of interest
- Simplify complex data analysis and visualization



## DEVELOP

Clinical: expert advice on specimen collection & testing based on our clinical experience

**Swabs, saline, UVT medium vials and UVT kits** - used for the collection and transport of clinical specimens, including viruses



**Collection sets, tubes and lancets** - used to collect blood samples for serology and blood culture tests



**Molecular systems and tests** - an open platform used to aid in the rapid detection of virus genes to confirm active infection



**Rapid serology tests** - used to detect antibodies in blood to help identify recent and later stage SARS-CoV-2 infections



**Point of care immunoassay** - used to rapidly detect respiratory pathogens (Flu A, Flu B, RSV and Strep; assay for COVID-19)



CMC

Chemistry Manufacturing & Controls

**Know-how in combination product development** - can support the vaccine industry in predicting drug container compatibility before scale up and regulatory filing



**Prepared and dehydrated culture media** - to perform critical testing for manufacturing environmental monitoring, sterility testing, bioburden, non-sterile product testing



## IMPLEMENT

Delivery

**Prefillable devices** - used by the pharmaceutical industry to provide drugs and vaccines in ready-to-administer formats for faster administration and reduced risk of contamination or medication error



**Medication Delivery Solutions** - to enable safe preparation and administration of medications as well as disposal of sharps waste



Near real-time surveillance, reporting and understanding of geographic impact for COVID-19, along with co-infections and medication use tracking  
 Informatics and Analytics of Real World Evidence with BD Insights™ (US only)