

# Rapid Study Activation and Enhanced Sample Management for COVID-19 Studies



## SUMMARY

PPD® Laboratories' central lab achieved study startup in less than two weeks and implemented a process utilizing innovative web-based data solutions to enhance oversight for critical COVID-19 studies sponsored by a large pharmaceutical client.

## OBJECTIVES

- Complete setup of a new clinical trial database and deliver kits on-site within two weeks to meet accelerated timelines
- Provide enhanced sample chain of custody and a formalized oversight process to safeguard irreplaceable samples

**study setup and  
enhanced sample oversight  
FOR A LARGE  
PHARMA CLIENT IN  
<10 business days**

## BACKGROUND

The COVID-19 pandemic has created unprecedented challenges for pharmaceutical companies operating clinical trials. As a result, these organizations are prioritizing rapid startup of their clinical trials for vaccines and therapeutics that prevent or treat the coronavirus. Due to the pandemic nature of the disease and the associated mortality/morbidity, there is an urgent need to identify therapies that improve patient outcomes and reduce the burden on health care systems globally.

## CHALLENGES

PPD Laboratories' central lab typically achieves database setup in 25 business days and is well known for database quality and integrity.<sup>1,2</sup> For this program, our team needed to find innovative ways to further streamline the study startup process while maintaining high-quality standards.

## STRATEGY

In order to accelerate startup beyond already aggressive timelines, the central lab activated its global rapid implementation team (GRIT). The GRIT approach is used to meet the most challenging startup targets, while simultaneously ensuring quality. The GRIT approach is supported by an experienced, highly skilled project management team that applies a flexible and innovative approach to finalize central lab specifications and build the customized, program-specific database. Keys to success include:

- Beginning to build the central lab specifications utilizing draft protocols
- Initiating the customized database build utilizing the draft central lab specifications
- Early activation of the database through the Preclarus® investigator site portal to support initial kit delivery sooner

To enhance sample chain of custody and establish a formalized oversight process, the central lab project management team implemented and mandated the use of electronic lab requisition (eReq), a web-based sample accessioning tool available in the Preclarus investigator site portal, for the program.

