

Covid Surveillance Summary Report (LDT Lab)

Summary report creation for the COVID-19 PCR testing effort at the George Mason University Clinical Proteomics Laboratory.

Introduction

This R-markdown script summarizes the COVID-19 testing data as performed at the CAP/CLIA accredited Clinical Proteomics Laboratory (CAP Number: 7223012; CLIA License: 49D2002076) at George Mason University.

Technologies

- R 4.05

Installation

1. Clone github project.
2. Add a copy of old ICA schedules (date prior to database setup) into an “old_ICA_schedules” subdirectory. This data cannot be shared via github due to HIPAA regulations.
3. Open the script file in RStudio (or other editor).
4. Update the following lines of code:
 - line 3: set the author of the report
 - line 60: set the path/filename to the most up-to-date Covid Database (make sure to use “\” for any “” when on a Windows operating system)
5. Knit the markdown file to create a pdf report (click “knit” in RStudio).