

Pre-Procedure screening

Pre-procedural screening requires a nasopharyngeal swab and use of a molecular test platform including the following assays (not an exhaustive list):

- Roche cobas SARS CoV-2
- Abbott RealTime SARS-CoV-2
- Hologic Aptima SARS-CoV-2
- Hologic Fusion SARS-CoV-2
- Cepheid Xpert Xpress SARS-CoV-2
- Diasorin Simplexa COVID-19 Direct
- BioFire FilmArray Respiratory Pathogen Panel 2.1 (RP2.1).

These or similar platforms are utilized at the following institutions/laboratories:

- Nebraska Medicine
- Nebraska Public Health Lab (NPHL)
- Children's/Methodist
- CHI
- Veterans Administration Laboratory/Veterans Affairs
- NMC Regional Path Services
- ARUP
- LabCorp
- Quest
- Mayo Clinic
- PhysLab
- Test Iowa

Results from other institutions/laboratories are acceptable if the report lists the specimen source as a nasopharyngeal swab and the result states it was obtained by PCR

If you have questions or want to inquire about a particular laboratory result, please page the microbiology director at 402-888-5626 or call the microbiology laboratory at 402-552-2090 and ask for the microbiology fellow.

The following assays are not acceptable for pre-procedural screening:

- Test Nebraska
- Abott Binax Now COVID-19
- Veritor Plus System COVID-19
- Quiden Sofia SARS Antigen FIA
- Other antigen-based assays

COVID-19 illness

Due to high pre-test probability, if a patient has COVID-19 symptomology and a positive test result using antigen based assays, Abbot ID Now or Test Nebraska those data can be used to assess when the patient had acute disease. Please consult the COVID Infectious Disease service via PerfectServe.