SYNLAB

PCR & Antigen for disease detection | **Antibody for testing immunity**

Diagnosis of acute Covid-19 illness in symptomatic patients

RT-PCR have been performed and were repeatedly negative

- **NO** → Clinical diagnosis of Covid-19
- **YES** → Antibody test

Clinical diagnosis of Covid-19

- **NO** → Limited RT-PCR availability or need for shorter turn-around-time
  - **YES** → Antigen test → *if negative* → Confirmation by RT-PCR
  - **NO** → RT-PCR
- **YES** → Patient is symptomatic for a prolonged time
  - **YES** → Limited RT-PCR availability or need for shorter turn-around-time
    - **NO** → RT-PCR + Antiboby test
    - **YES** → Antigen test + Antibody test
  - **NO** → Limited RT-PCR availability or need for shorter turn-around-time
    - **NO** → RT-PCR
    - **YES** → Antigen test → *if negative* → Confirmation by RT-PCR

Investigation of asymptomatic contacts/carriers

Has there been close contact?

- **NO** → RT-PCR
- **YES** → RT-PCR → *if negative* → IgG antibody test for close contacts

Follow up of hospitalized patients

- A request for specific antibodies may be considered.
- No Covid-19 specific tests are recommended.

Hospital discharge

- Recommendation to test for specific antibodies.
- Recommendation to test RT-PCR

Healthcare professionals

- Periodical IgG antibody tests (14-21 days)
- Periodical RT-PCR tests (7-10 days)