

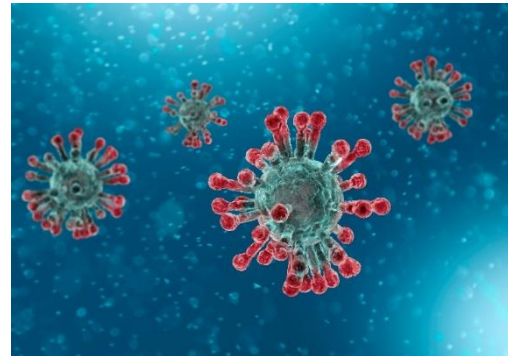
New concept: Clinical-Serological Monitoring after COVID-19 infections

Dear Colleagues,

As an international diagnostic laboratory, ArminLabs is keen to support efforts to contain the further spread of COVID-19 via substantiated, comprehensive diagnostics.

The new concept does NOT appropriate patients with symptoms of an ACUTE infection! For that, a throat swab using a smear PCR as direct detection should be conducted as soon as possible!

The new method is used for the period after patients have suffered acute COVID-19 symptoms, or for subjects after typical symptoms or exposure symptoms / exposure.



3 steps of clinical-serological monitoring:

1. Completing the COVID-19 Symptom Checklist for:
 - Patients who have previously tested positive via a swab test,
 - Patients with previous typical COVID-19 symptoms,
 - People from risk-groups with previous contact with persons infected with the COVID-19 virus,
 - 2 - 3 weeks after onset of symptoms or 4 - 5 weeks after exposure!
2. If a past infection is suspected, run the SARS-CoV2 IgG/IgA ELISA antibody test in the laboratory or the SARS-CoV2 IgG/IgM rapid test (in the laboratory or clinic, using serum), to check the patient's immune response
3. Interpretation of the antibody results by medical professional with the patient or subject (e.g. whether the infection has already taken place or a possible immunity)

According to current literature on SARS-CoV-2, the immune system requires a certain amount of time (usually about 2 - 3 weeks) after the onset of symptoms to produce antibodies. 20 days after the onset of symptoms, the seroconversion rate is almost 100%.

Sample required - 1 x serum for COVID-19 ELISA

Test kits that you/the lab already have can be used. Arminlabs also offers an overnight transport service. Our laboratory team organizes collection of the blood samples. Please let us know one day in advance, and at least 2 hours before the pickup.

Please call Arminlabs on the following telephone number or send us an e-mail:
+49 821 - 780 931 50 / corona@arminlabs.com

The elderly and patients with underlying medical conditions may be subject to a more severe course of COVID-19. Self-isolation, limited exercise and a suboptimal diet during this period may lead to further deficiencies. ArminLabs therefore recommends checking additional parameters, including:

- CD3+/CD56+/CD57+ cell count (heparin & EDTA blood tubes additionally required)
- Zonulin
- Vitamin D3

Current information can be found on our website at www.arminlabs.com/corona.

Please contact us at any time if you have any queries.

Very best wishes,

Dr. Armin Schwarzbach and team