

Universal Admission Screening for SARS-CoV-2 Infection among Hospitalized Patients, Switzerland, 2020

Appendix

Appendix Table. PCRs used to detect SARS-CoV-2, Switzerland, 2020

| Hospital | PCR | Target |
|-------------------------------|---|--|
| GZO Wetzikon | In-house assay according to V.M. Corman et al. (1) or Roche cobas SARS-CoV-2 IVD test | open reading frame 1, envelope protein gene |
| | | open reading frame 1, envelope protein gene |
| Cantonal Hospital Winterthur* | In-house assay using TIB MOLBIOL LightMix Modular Sarbecovirus E-gene and Wuhan CoV RdRp-gene (TIB MOLBIOL, https://www.tib-molbiol.com) | envelope protein gene, RNA-dependent RNA polymerase gene |
| City Hospital Triemli† | CDC 2019-Novel Coronavirus (2019-nCoV) Real-Time RT-PCR Diagnostic Panel (2) | Viral nucleocapsids 1 and 2, RNase P |
| University Hospital of Zurich | In-house assay according to V.M. Corman et al. (1) or Roche cobas SARS-CoV-2 IVD test | open reading frame 1, envelope protein gene |
| | | open reading frame, 1 envelope protein gene |

*A subset of SARS-CoV-2-positive samples was confirmed by identical PCR at GZO Wetzikon and University Hospital of Zurich. E, envelope protein; ORF, open reading frame; SARS-CoV-2, severe acute respiratory syndrome coronavirus 2.

†All SARS-CoV-2-positive samples were reanalyzed by the laboratory performing SARS-CoV-2 diagnostics for the University Hospital of Zurich and GZO Wetzikon with an in-house assay according to V.M. Corman et al. (1) or Roche cobas SARS-CoV-2 IVD test (Roche Diagnostics, <https://diagnostics.roche.com>).

References

1. Corman VM, Landt O, Kaiser M, Molenkamp R, Meijer A, Chu DK, et al. Detection of 2019 novel coronavirus (2019-nCoV) by real-time RT-PCR. *Euro Surveill.* 2020;25:2000045. PubMed <https://doi.org/10.2807/1560-7917.ES.2020.25.3.2000045>
2. Centers for Disease Control and Prevention, CDC 2019-novel coronavirus (2019-nCoV) real-time RT-PCR diagnostic panel. 2020 Jul 13 [cited 2020 Aug 19]. <https://www.fda.gov/media/134922/download>