

Review of: "Circulating miRNAs: Potential diagnostic role for coronavirus disease 2019 (COVID-19)"

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The use of miRNAs as circulating biomarkers to diagnose SARS-CoV2 infection could be questionable. Indeed, several diagnostic tests, assessing viral nucleic acids or proteins, are now available for the SARS-CoV-2 detection, with the viral nucleic acid detection by RT-PCR being the gold standard. The question is, why use an indirect method when several direct and well-standardized methods are already available? The assumption that miRNAs can avoid false negative in SARS-CoV-2 detection, due to the insurgence of viral variants, is highly speculative. Probably, the study can be of more interest if it would focus on the role of circulating miRNAs as biomarkers associated to organ damages following the Sars-CoV-2 infection, in order to evaluate the long term effects.