

## Identification of COVID-SARS Variants Based on Lactate Test Results

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**Abstract :** In this research, it was examined whether individual COVID variants cause differences in the lactate curve of cyclists. After all, the virus variants attacked different organs in our body during the infections. During our tests, we used a traditional lactate step test, the results of which were compared with the values before the infection. In the tests, it has been proven that different virus variants show unique lactate curves. In this way, based on the lactate curve, it is possible to identify which variant caused the disease. Thanks to this, it has been shortened the return time, because we can apply the best return protocol after infection to the competitors.

**Keywords :** COVID-Sars19, lactate, virus mutation, lactate profile

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