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To whom it may concern,

Viromed Laboratories is the only private laboratory authorized by the Turkey's Ministry of Health to run laboratory tests of COVID-19. Our laboratories are accredited according to TS, EN, ISO 15189. In addition, it is licensed by the Turkey's Ministry of Health and regularly audited every year. Viromed Laboratories provide testing services to many public institutions and organizations and the United Nations Organization for Migration. Approximately 10.000.000 tests are performed every year in our laboratories by experienced doctors and health personnel.

Antibodies and PCR tests are performed on blood and swab samples for the laboratory diagnosis of patients with COVID-19 suspected cases. Samples of 305 healthy, antibody negative individuals and 214 COVID-19 antibody positive patients were analyzed with the COVID-19 IgG / IgM rapid test kit (card test). In this context, card tests operating with immunochromatographic method using lateral flow technology under the "CRT" brand produced by Oncosem were used as rapid antibody diagnostic kit with its good logistics and technical service support. The studies performed were done plasma, serum, capillary blood samples taken from the fingertip.

Since the test has been determined to provide high sensitivity, specificity and accuracy rates, CRT rapid diagnosis has been started to be used as a routine kit. Data of the study are given in the table below.
11/06/2020

Performance Characteristics

- Sensitivity (Positive Percentage Agreement) : 98,13%
- Specificity (Negative Percentage Agreement) : 99,02%
- Overall Accuracy : 98,70%

		ELISA (Enzyme Linked Immune Sorbent Assay)	
		Positive	Negative
CRT Test	Positive	210	3
	Negative	4	302
	Total	214	305

Dr. Ayşe Çiğdem ARTUK
Clinical Microbiology Specialist