

PCR Solution for COVID-19 and other respiratory diseases testing (CE IVD)

GeneSpector provides a wide range of CE IVD kits for detection of **SARS-CoV-2** virus (Wuhan coronavirus 2019) based on one-step RT-qPCR using fluorescently labelled probes. The detection method is based on officially recommended WHO designs for **SARS-CoV-2** virus detection and the assessments originate from protocols published by Charité Laboratories (Berlin), Institut Pasteur (Paris) and CDC Laboratories (Atlanta). Our proprietary GEMINITM probe technology used guarantees the high detection sensitivity.

Product	Detected target							Type of control		Sensitivity	Fluorescence channels			
	N gene Sarbeco group	E gene Sarbeco group	RdRP gene SARS-CoV-2	N gene SARS-CoV-2	Influenza A gene	Influenza V gene	RSV gene	internal control	external control	LOD (cop/rxn)	FAM	HEX	Cy5	ROX
gb SARS-CoV-2 Influenza A/B		✓	✓		✓	✓			✓	2.15 (SARS-CoV-2) 14.68 (Infl. A) 10.67 (Infl. B)	✓	✓	✓	✓
gb SARS-CoV-2 Multiplex		✓	✓						✓	2.13	✓	✓	✓	
gb SARS-CoV-2 Combi		✓	✓						✓	3.45	✓	✓		
gb SARS-CoV-2 Multiplex EndoC		✓	✓						✓	3.00	✓	✓	✓	
gb SARS-CoV-2 Combi EndoC		✓	✓							3.45	✓	✓		

All kits are produced by the co-owner of GeneSpector, GENERI-BIOTECH, Ltd.

