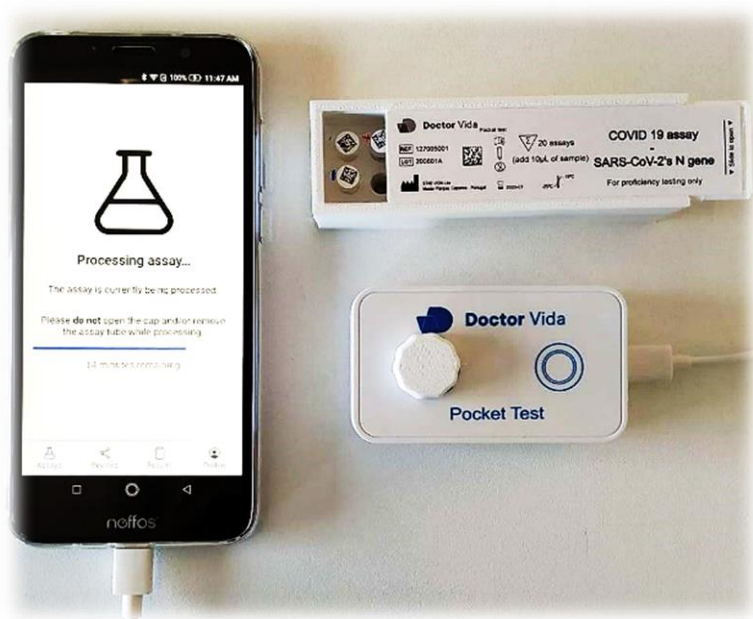


# DATASHEET

## DOCTOR VIDA POCKET



### Introduction

The Doctor Vida pocket system is suitable for molecular isothermal amplification and detection SARS-Cov-2 virus RNA in less than 1 hour from a biological sample. The detection system included in the Dr Vida pocket allows to detect the fluorescence translated into the presence of RNA from SARS-CoV-2 virus. On the other hand, if there is no fluorescence emission or if it is residual, the viral RNA is absent or in an amount below the detection limit of the technique and it is not possible to confirm the presence of SARS-CoV-2 virus. The system is completely controlled by the Doctor Vida mobile application.

## Dr Vida pocket Specifications

Feature	Specification
Excitation source	Two-dye specific LEDs: Green (570nm +/- 20nm) and blue (470nm +/- 35nm)
Detection	Standard CMOS silicon sensor with integrated Gaussian filters, 6-channel multispectral sensing in the visible wavelengths from approximately 430nm to 670nm with full-width half-max (FWHM) of 40nm
Spectral channels	450, 500, 550, 570, 600 and 650 nm (+/- 20nm)
Thermal system temperature range	Between + 5.0°C (above room temperature) and + 95°C Max. Heating: 0.22°C/sec
Dimensions (h x w x d)	33,11 mm x 75,80 mm x 44,45 mm
Weight	58 grams
Operating humidity	20% to 80%, non- condensing
Operating temperature	15°C to 30°C
Electrical power (input)	100- 240 VAC, 50/60 Hz
Output	5VDC, 2A
Bluetooth®	Bluetooth V4.2 BR/EDR and Bluetooth LE specification
Wi-fi	IEEE 802.11b/g/n
Warranty	One year warranty
Plastic consumables	Compatible only with the plastic consumables provided (COVID-19 reaction tubes)

## Orders

Material	Cat. N°	Quantity	Storage conditions
Dr Vida pocket device	133001002	1 unit	Room temperature
COVID-19 test (box)	133001001	20 tests	-20°C
COVID-19 test (single package)	133001004	1 tests	-20°C
Doctor Vida App	133001003	1 unit	Not applicable

If you require a demo please contact our technical support by email [info@doctorvida.com](mailto:info@doctorvida.com) or phone (+351)210438606.