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Doctor Vida Pocket - COVID-19 assay - Instructions for Use

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ABSTRACT

Instruction of use for Doctor Vida pocket - COVID-19 assay

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MATERIALS

NAME	CATALOG #	VENDOR
Doctor Vida pocket mobile app (Android / iOS)	133001003	STAB VIDA Lda

STEPS MATERIALS

NAME	CATALOG #	VENDOR
COVID-19 assay - Reaction tube	133001001	STAB VIDA Lda
COVID-19 assay - Collection tube	133001004	STAB VIDA Lda

EQUIPMENT

NAME	CATALOG #	VENDOR
Doctor Vida Pocket	133001002	STAB VIDA Lda

DISCLAIMER:

Doctor Vida pocket - COVID-19 assay is currently available for Research Use Only

Preparation setup

1m

- 1 **Turn on Dr. Vida Pocket device** - by plugging the Dr. Vida Pocket device's power supply into a suitable power plug (120V/240V AC) and connecting the micro-usb plug into the Dr. Vida Pocket device.



When turned on, the device will emit a short bip.



Doctor Vida Pocket
Real-time isothermal amplifier

Doctor Vida 133001002

Package includes:

- Doctor Vida pocket device
- Power supply
- Instructions for use

- 2 **Login into Dr. Vida pocket mobile App** (Android / iOS) **and connect the app to the device** (under Devices menu)

Start new assay

- 3 **Press "Start new assay" in the Dr. Vida pocket mobile App** (under Assays menu)
- 4 **Scan the Data matrix of Dr. Vida pocket - COVID 19 assay reaction tube** (or, alternatively, fill in the assay Reference and Lot ID, as supplied in the box), **and press Proceed**



COVID-19 assay - Reaction tube

by STAB VIDA Lda

Catalog #: 133001001

- 5 **Insert Sample ID and press Proceed**

Sample collection

5m

- 5.1 **Collect a swab (nasopharyngeal and/or oropharyngeal) from the individual to be tested following the local collection guidelines.**
- 5.2 **Insert swab inside the provided Collection tube (containing 250 µl collection buffer) and spin the swab for 00:00:05 seconds.**



COVID-19 assay - Collection tube


by STAB VIDA Lda

Catalog #: 133001004

- 5.3 Remove the swab and discard it properly into a biohazard disposable container, following local biohazard waste procedures.
- 5.4 Insert the provided minivette inside the Collection tube and wait a few seconds until the sample liquid reaches the minivette's white filter. If necessary, tilt the tube 45° to help the capillarity filling.



During this step, make sure not to block the hole on top of the white part of the minivette.

- 5.5 Remove the minivette from Collection tube and dispose its content ( 10 µl) inside the Reaction tube.



COVID-19 assay - Reaction tube

by STAB VIDA Lda

Catalog #: 133001001




Make sure that the tip of the minivette is properly inserted until the bottom of the Reaction tube and that you block the hole on top of the white part of the minivette while disposing its content.

Assay processing


45m

- 6 Click Proceed in the Dr. Vida pocket app and follow the instructions to add the Reaction tube inside the device.



Do not open the cap of the device during the assay. The temperature inside the device reaches  65 °C

Results


- 7 After  00:45:00 minutes, the device will issue a long bip indicating that the assay has finished and that the data is ready for transferring. Make sure that the Dr. Vida pocket app is still running and the device is connected to allow the data transfer.
After data transfer, the device issues a short bip and the final result will appear in the app screen.



In case you wish to access more details about this and past assay results, please consult assay results under Results menu.



Detected: This indicates the presence of the SARS-CoV-2's RNA in the collected sample

Not detected: This indicates that the assay did not detected SARS-CoV-2's RNA in the collected sample, considering its estimated LoD of  3500 Genome copies per ml .

Failed: This indicates that the assay was not sucessfull. Please repeat the assay.