HYRIS

HYRIS bKIT™ Virus Finder COVID-19 Saliva

The HYRIS bKIT™ Virus Finder COVID-19 Saliva is a CE-IVD **real-time RT-PCR assay** intended to be used for the in vitro diagnostic qualitative detection of SARS-CoV-2 nucleic acid in saliva specimens collected by a healthcare professional from individuals suspected of COVID-19 disease.

CONVENIENT
Less invasive sample collection for specific target groups, such as students or young kids.

MODULAR
6 or 16 samples per run, using different cartridge formats.

FOR SCREENING
Ideal for screening purposes, using pooling setup

DIRECT AMPLIFICATION
Ready-to-use reagents, no extraction process is needed.

SMART SYSTEM
AI-driven cloud-based Hyris System™; real-time access to intepreted results, from any device.

RELIABLE
Sensitivity and Accuracy comparable with traditional NPS testing

ORDER REFERENCES	bKTH-SCV2.04-32 for 24 tests	bKTH-SCV2.04-32 for 24 tests

Manufactured by Hyris Srl, Corso Garibaldi 60, 20158 Milan - Product info: info@hyris.net - Orders: sales@hyris.net - www.hyris.net

Workflow

PRE-ANAYTICAL STEPS

1. Salive sample collection
2. Treatment with saliva stabilizing solution
3. Heat inactivation in dry bath (95°C for 20 minutes)

ANALYSIS STEPS AND RESULTS

4. Hyris Cartridge loading
5. Analysis run on Hyris bCUBE™
6. Interpreted results read-out on Hyris bAPP™

The analytical sensitivity in direct amplification is $9 \cdot 10^3$ genomic copies/mL.
The kit is pecific in the >99% of the cases assessed.

BIBLIOGRAPHY

Doi: 10.1515/cclm-2022-0008 - "Hyris bCUBE SARS-CoV-2 rapid molecular saliva testing: a POCT innovation on its way".

Doi: 10.1016/j.phrs.2020.105380 - "Saliva sampling for chasing SARS-CoV-2: A Game-changing strategy".

Doi: 10.1101/2020.06.18.159434 - "Saliva-Based Molecular Testing for SARS-CoV-2 that Bypasses RNA Extraction".

Doi: 10.1128/JCM.00776-20 – "Saliva as a Noninvasive Specimen for Detection of SARS-CoV-2"

Hyris is a global innovation-based biotech company that aims at democratising genetic testing and health insights, to shape a safer and connected world for everybody.

Hyris System™ enables genetic testing of biological samples in any setting, at any time, with real-time access to results already interpretes through AI-driven cloud software.

Hyris bCUBE™ — IS OPERATED BY → **Hyris bAPP™** — TO RUN → **Hyris bCUBE™** — DATA UPLOADED TO → **Hyris bCUBE™** — TO MONITOR A NETWORK

Hyris bCUBE™

- Portable Tool
- Equivalent to Professional Bio Lab
- Rapid DNA/RNA analysis
- Real-time PCR and LAMP
- No installation required

Hyris bAPP™

- Intuitive
- No installation needed
- PC/Mac/Mobile
- Remote control of multiple bCUBEs
- Automatic results interpretation
- Cloud based support

Hyris bCUBE™

- Ready to use
- Specific genetic recognition of Pathogens
- Automatic protocol setup with QR code
- Tested and validated

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