

VitaPCRTM

Real-time PCR results
in 20 minutes

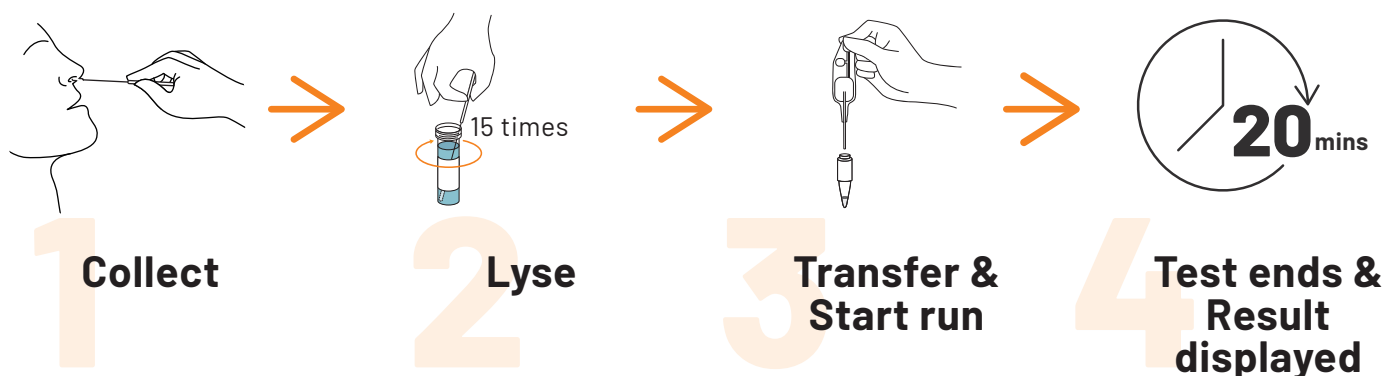


Advanced Medical Technology for All

VitaPCR™

VitaPCR™ is an accurate and rapid molecular diagnostic solution that detects infectious diseases in just 20 minutes using real-time Polymerase Chain Reaction (real-time PCR) technology. It complements other laboratory-based methods and conventional lab testing, empowering healthcare professionals with highly accurate information at the Point-of-Care Testing (POCT).

Diagnostic Procedure in 4 Steps



EASY TO USE

- Minimal training required
- Intuitive result interpretation
- Results with Ct value & fluorescence curve



RAPID

- Sample to result within 20 mins
- 1 min hands-on time for preparation
- Import patient ID via built-in scanner



VERSATILE

- Can be deployed anywhere
- No additional equipment needed
- Transportation and storage of reagents at room temperature

Hear from expert

The VitaPCR™ is a highly-sensitive test that delivers results in less than half an hour and to decentralize testing for SARS-CoV-2 in acute-care hospitals or emergency departments where rapid triage decisions are required.

Contribution of VitaPCR™ SARS-CoV-2 to the emergency diagnosis of COVID-19



VitaDataLink™

VitaDataLink™ is a data management software designed to connect to the VitaPCR™ platform. The software automatically transfers HL7 messages across a myriad of healthcare systems.

Decentralized PCR Testing by Professionals



Emergency Rooms



Nursing Homes



Laboratories



Airports

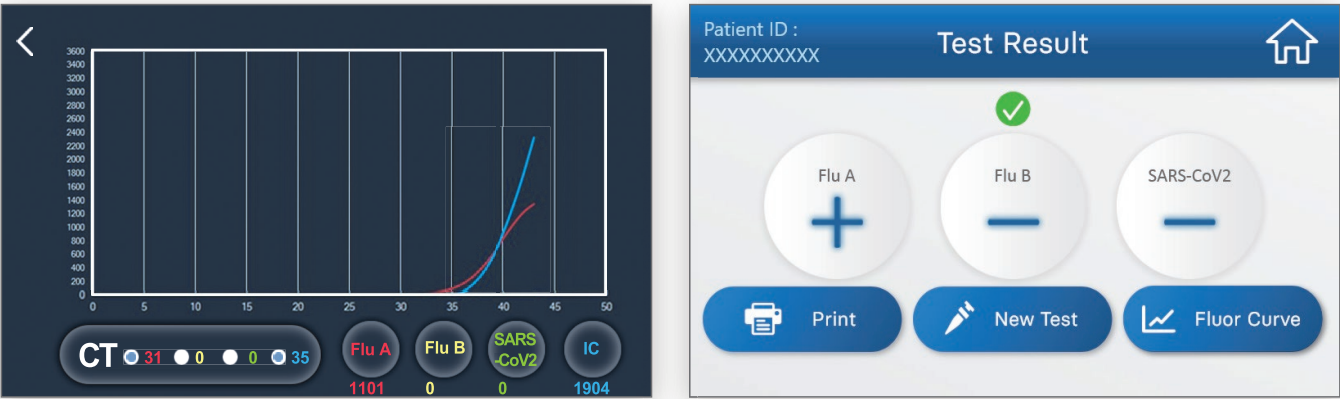


Factories



Limited Healthcare Resources

Intuitive Result Interpretation



Diagnostic Menus

NS Nasal NP Nasopharyngeal OP Oropharyngeal

Assay	SARS-CoV-2 Gen2	Flu A&B	Flu A&B/ SARS-CoV-2	Flu A&B/RSV	Strep A
Catalog No.	PCRAE0120	PCRAE0103	PCRAE0128	PCRAE0106	PCRAE0107
Targets	N1, N2 genes	Influenza A: M gene Influenza B: NS gene	Influenza A: M gene Influenza B: NS gene SARS-CoV-2: N gene	Influenza A: M gene Influenza B: NS gene RSV: N gene	spy1258 gene
Sample Types	NP or OP swabs	NS or NP swabs	NP swabs	NS or NP swabs	OP or Throat swabs
Technology	Real-time PCR				
Hands-on Time	< 1 minute				
Turnaround Time	20 minutes				
Kit Storage	5 - 25 °C / 41 - 77 °F				
Quantity	20 tests/box				

Detection of Variants

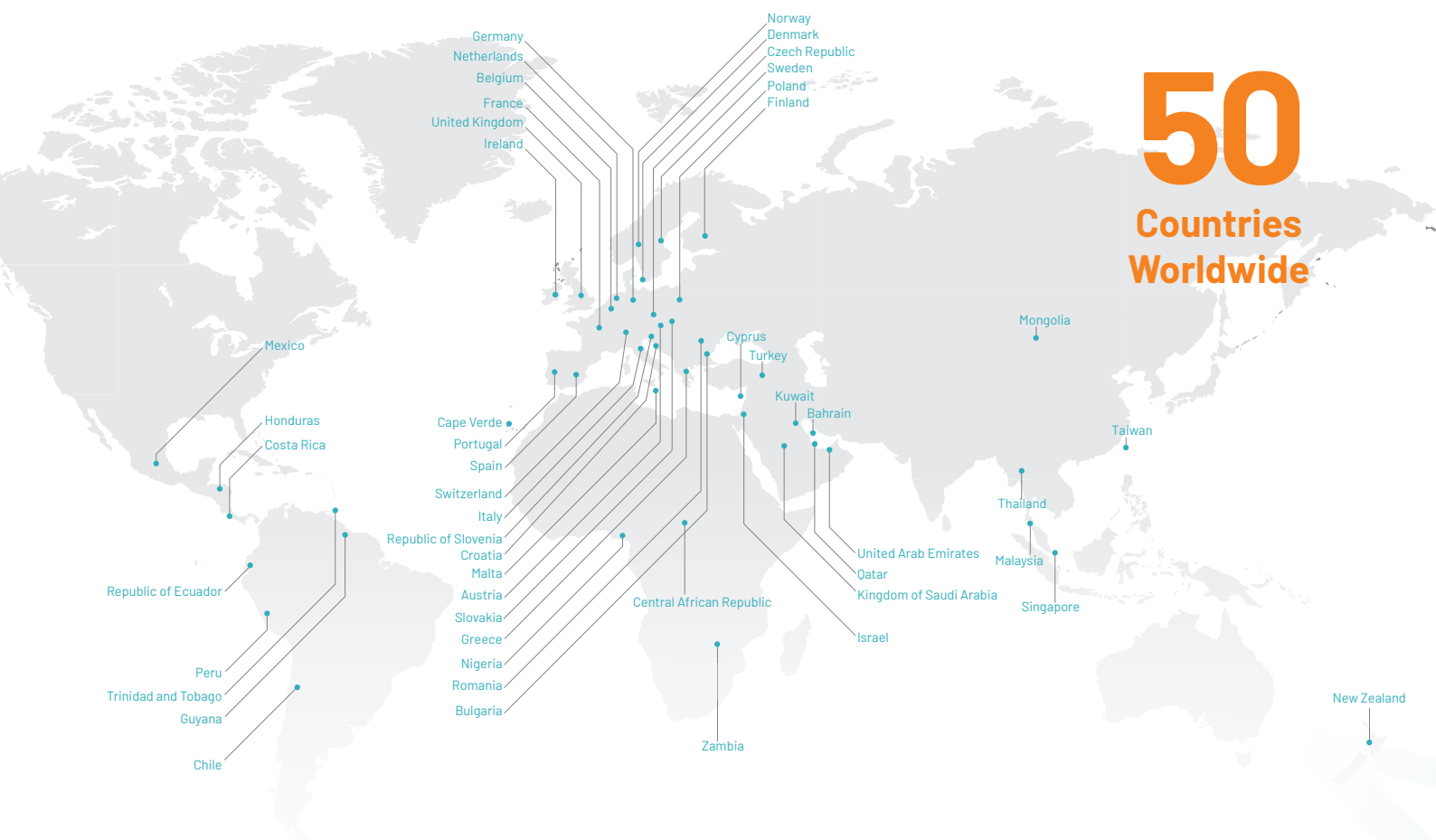
Credo Diagnostics Biomedical Pte. Ltd. continuously monitors the sequences of respiratory viruses listed in the major databases GISAID*, NCBI*, and BV-BRC* to provide confidence by tracking new emerging variants and broad subtypes. Based on BLASTn analysis comparing primers and probes of the assays respiratory viruses detection, the performances of the assays are not impacted by the variants and subtypes below.

SARS-CoV-2

VOIs <ul style="list-style-type: none">XBB.1.5, XBB.1.16, FE.1.1, XBB.1.42.2EG.5, EG.5.1 (includes EG.5.1, HK.3 and HV.1)BA.2.86, JN.1 (JN.1.11.1, KP1.1, KP.2, KP.3, LB.1, JN.1.16, JN.1.16.1, JN.1.7, JN.1.18)	Previously Circulating <ul style="list-style-type: none">Alpha variant: B.1.1.7Beta variant: B.1.351Delta variant: B.1.617.2Epsilon variant: B.1.427, B.1.429Eta variant: B.1.525Gamma variant: P.1Iota variant: B.1.526Kappa variant: B.1.617.1Lambda variant: C.37Mu variant: B.1.621Omicron subvariants: B.1.1.529, BA.1, BA.2M BA.3, BA.4, BA.5 (BQ.1.1 and BF.7), BA.2.75, CH.1.1, XBB.1.9.2, and DV.7Zeta variant: P.2
VUMs <ul style="list-style-type: none">XBBXBB.1.9.1, XBB.2.3	

Influenza A

Subtypes <p>H1N1, H1N2, H3N2, H5N1, H5N2, H3N8, H5N6, H7N3, H7N9, H9N2, H10N5</p>
Variants <ul style="list-style-type: none">H1N1 pdm09 variants¹H3N2 variants: seven variants belong to clade 3C.2a1b.2a.2 and one variant belongs to clade 3C.2a1b.1a as listed in the Danish published study²



VitaPCR™ Instrument

Product Code	PCRC0101
Dimensions	15.5 x 16.5 x 20.5 cm (H x W x D)
Weight	1.2 kg
Power Supply	12V, 5A
Color Touch Screen	4" capacitive touch LCD display
Fluorescence Detection	450 to 750 nm
Fluorescence Channel	3+1 (Internal Control)
Storage Environment	15-40°C
Operating Environment	10-38°C, 10-80%RH
Power Adaptor	INPUT: AC 100-240V~2.0A Max, 50-60Hz OUTPUT: DC 12V-5A
Registration Status	CE-marked (IVDR)

Knowledge Empowering People

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