

Extraction-Free PCR Test for COVID-19

SEKISUI  veredus



ZeroPrep™ Saliva Collection Kit

Cat. No. VRTC-RE025

ZeroPrep™ Saliva Collection Kit is a specimen device intended for the collection of human saliva with the preservation buffer designed to protect and preserve viral RNA suitable for use directly in genetic and molecular diagnostic testing. This kit is compatible for use together with the VererT™ ZeroPrep™ COVID-19 PCR Kit for the diagnosis of COVID-19.

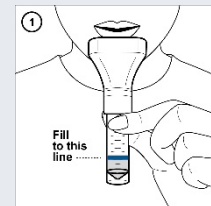
Sample Type	Human saliva (oral fluid)
Kit Content	25 units of ZeroPrep™ Saliva Collection Set
Test Compatibility	Pair with VererT™ ZeroPrep™ COVID-19 PCR Kit Time to result within 1.5 hours from start of test <ul style="list-style-type: none"> • Able to detect SARS-CoV-2 in less than 40 min cycle time • Uninfected specimen can be confirmed by 90 min cycle time • LoD of 10 viral RNA copies per test / 4 viral RNA copies per uL saliva
Shelf Life	12 months from date of manufacturing
Storage	Ambient condition 15°C to 30°C



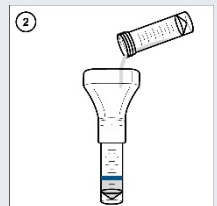
Single Use
Only

Individually packed Collection Funnel & Collection Tube for convenience and safer way to collect saliva

WE TEST DIRECT!



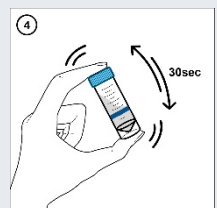
Spit saliva into the collection funnel



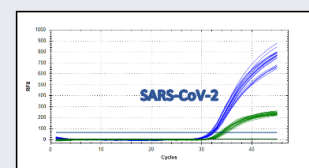
Pour ZeroPrep™ Saliva Buffer into the Collection Tube



Cap tightly



Shake vigorously for 30 sec. Heat at 95°C for 10 min.



VererT™ ZeroPrep™
COVID-19 PCR Assay

**RNA EXTRACTION
NOT REQUIRED**

VereRT™ ZeroPrep™ COVID-19 PCR Kit

Cat. No. VRTC-CD200

VereRT™ ZeroPrep™ COVID-19 PCR is a Reverse Transcription Polymerase Chain Reaction (RT-PCR)-based *In Vitro* Diagnostic (IVD) test intended for the qualitative detection of nucleic acid belonging to SARS-CoV-2. This test is suitable for use directly from either (1) Viral Transport Media (VTM) / Universal Transport Media (UTM) containing nasopharyngeal swab specimen; OR (2) Human saliva specimen. Both specimen types do not require viral RNA extraction prior to testing.

Specimen Type	<ul style="list-style-type: none"> VTM/UTM with nasopharyngeal swab Human saliva
Targets	<p><u>FAM Channel</u></p> <ul style="list-style-type: none"> N1 & N2 gene (SARS-CoV-2) targets provide enhanced tolerance against gene mutations <p><u>HEX Channel</u></p> <ul style="list-style-type: none"> Human RPP30 as Human Internal Control (HIC)
Run Time	<p>Time to result within 1.5 hours from start of test</p> <ul style="list-style-type: none"> Able to detect SARS-CoV-2 in less than 40 min cycle time Uninfected specimen can be confirmed by 90 min cycle time
Sensitivity	10 viral RNA copies per test
Specificity	No cross-reactivity with human genome / other coronaviruses / respiratory viruses
Unique Feature	ZeroPrep™ M Buffer to lift PCR inhibitory effect to facilitate direct RT-amplification of SARS-CoV-2 RNA
Kit Content	200 reactions per kit
Shelf Life	12 months from date of manufacturing
Storage	-20°C freezer. Avoid repeated freezing and thawing of kit content

Class D IVD
Approved by HSA Singapore

FDA
Food and Drug Administration
PHILIPPINES



VereRT™ ZeroPrep™ COVID-19 PCR Kit

Potential saving of 45 min for every round of testing

Conventional Test

Requires extracted RNA of SARS-CoV-2

Veredus' Test

Direct use from VTM / UTM OR human saliva

Specimen Collection

Specimen Collection

45 min

Viral RNA Extraction

0 min

9 min

RT-PCR Set-Up

9 min

1 hr 30 min

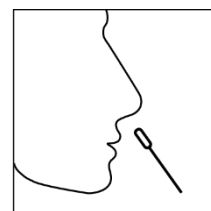
Real-time RT-PCR Processing

1 hr 30 min

1 min

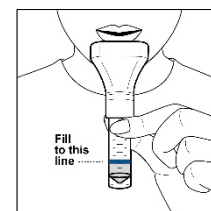
Data Analysis

1 min

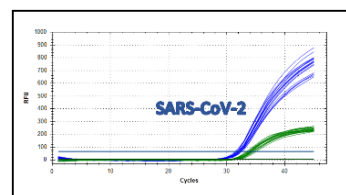


VTM/UTM with nasopharyngeal swab

OR



Human saliva



VereRT™ ZeroPrep™ COVID-19 PCR Assay



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