TAKING THE HASSLE OUT OF RT-PCR TESTING

Truemix™ COVID-19

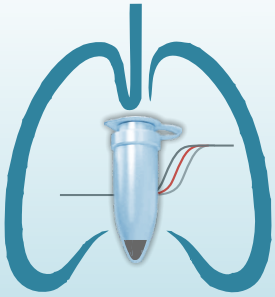
ICMR Approved

- RT-PCR IS THE GOLD STANDARD TEST FOR COVID-19 DETECTION AND DIAGNOSIS
- HOWEVER CONVENTIONAL RT-PCR TESTS HAVE A DEMANDING WORK FLOW AND REQUIRE SPECIAL INFRASTRUCTURE AND SKILL
- TRUEMIX™ WITH ITS LYOPHILIZED, ONE TUBE, ONE STEP FORMAT MAKES RT-PCR TESTING SIMPLE AND EASY

Conventional Real Time PCR	Truemix™ Real Time PCR
Requires preparation and precise reconstitution of frozen (-20°C) mastermix components to form working solution and dispensing into PCR tubes	Lyophilized, Ready to use master mix pre-dispensed in PCR tube. No preparation required
Intense, multi-step procedure	Simple, one step procedure
Need to run minimum 40 to 80 samples as reconstituted master mix not stable	Packed as 8 tube strips, highly flexible for sample load. No wastage of reagents
Amplicon contamination is common. Segregation of work areas and staff required	Built in amplicon cleavage mechanism. Minimal risk of amplicon contamination
- 20°C transport and storage of reagents	Stable up to 30°C for two years

SIMPLY AMPLIFY WITH

Truemix™ COVID-19



THE READY TO USE ONE TUBE, ONE STEP TECHNOLOGY

Truemix™ COVID-19

Real Time Duplex PCR Test for COVID-19

- **Truemix™ COVID-19 is a lyophilized, ready-to-use, open format, duplex Real Time RT-PCR test for the qualitative detection SARS CoV-2 RNA and aids in the diagnosis of COVID-19. The test detects the *E* and *Orf1a* genes of the virus**
- **Sample Types: RNA from Human oropharyngeal / nasopharyngeal swab**
- **Proprietary formulated RT-PCR components. Pre-dispensed and lyophilized in ready to use PCR tubes**
- **Built-in enzyme system to protect against amplification of contaminating amplicons. No carry over amplicon contamination**
- **Simple, one step procedure. Easy workflow. Built in process control**
- **Dried down, ready to use positive control included in the kit**
- **Truemix™ COVID-19 is Room Temperature stable (2-30°C) for two years**
- **100% sensitivity and 98.8% specificity, with no cross reaction with common respiratory pathogens (ICMR report)**
- **Limit of detection (LoD): E gene : 7.24 copies/reaction & Orf1a : 8.75 copies/reaction**

  [LoD was estimated using AccuPlex™ SARS-CoV-2 Verification Panel (Seracare, 0505-0168)]
- **Approved by ICMR. CE marked**

FLUORESCENCE DETECTORS (DYES):

Description	Gene Target	Reporter channel
Screening target	*E* gene	ROX / equivalent
Confirmatory target	*Orf 1a* gene	FAM / equivalent
Internal Control	*RNaseP gene*	Cy5 / equivalent

KIT COMPATIBILITY:

This kit has been validated for use with following instruments

- QuantStudio™ 5 Real Time PCR (Applied Biosystems™)
- Light Cycler®96 Instrument (Roche)
- Rotor-Gene®Q5plex (Qiagen)
- ABI 7500 (Applied Biosystems™)
- CFX96 Real-Time PCR Detection System (Bio-Rad)

RESULT INTERPRETATION

Detection Channel			Result Interpretation	Action
Orf1a	*E*	*RNase P*		
+	+	+/-	SARS CoV-2 POSITIVE	Report Positive
+	-	+/-	SARS CoV-2 POSITIVE	Report Positive
-	+	+/-	SARS CoV-2 PRESUMPTIVE POSITIVE	Repeat after 48-72 hours
-	-	+	SARS CoV-2 NEGATIVE	Report Negative
-	-	-	INVALID	Collect new swab and repeat

ORDERING INFORMATION

PRODUCT	PACK SIZE	CAT. NO.
Truemix™ COVID-19	24T	701430024
	48T	701430048
	96T	701430096

molbio®

Molbio Diagnostics Private Limited

Plot No. L-46, Phase II D,
Verna Industrial Estate, Verna,
Goa - 403 722, INDIA
Ph.: 91-832-2783267
Email: sales@molbiodiagnostics.com, customersupport@molbiodiagnostics.com
Website: www.molbiodiagnostics.com

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THE READY TO USE ONE TUBE, ONE STEP TECHNOLOGY