

# WORLD'S FIRST POINT-OF-CARE REAL TIME PCR

Joins the fight  
against  
COVID-19

# Truenat™

Beta CoV  
SARS CoV-2  
COVID-19



## Validated & Approved By ICMR

### Final Recommendations by ICMR on Truenat™ Beta CoV | SARS CoV-2 | COVID-19

ICMR has approved the **Truenat™ Beta CoV** as singleplex screening assay (*E* gene) and **Truenat™ SARS CoV-2** as singleplex follow on confirmatory assay (*RdRp* gene) on positive samples for **Truenat™ Beta CoV** test. ICMR has also approved **Truenat™ COVID-19** multiplex assay for screening (*E* gene) and confirmation (*Orf1a*) of COVID-19.

This fully indigenous diagnostic platform offers a reliable and affordable option to augment SARS-CoV-2 testing capacity in India. The platform comprises of a **Truenat™** machine, in-built RNA extraction system, RT-PCR chips, collection swabs and viral lysis medium (VLM).

Single assay has a turnaround time of 35-50 minutes for 1-4 samples with a total of 12-48 samples being tested per 8 hours shift, depending upon the model of machine. The **biosafety and biosecurity requirements are minimal** in view of the sample being collected in viral lysis medium (VLM), which inactivates the virus. Safety is further augmented by the closed nature of this platform and minimum sample handling. These features have facilitated use of these tests at the district and Primary health center levels as well, increasing access to testing.

*Press Release (21<sup>st</sup> May 2020) & Advisory (24<sup>th</sup> Sept.2020), Indian Council of Medical Research, Delhi*

## DECENTRALISING & DEMOCRATISING ACCESS TO HIGH QUALITY DIAGNOSIS

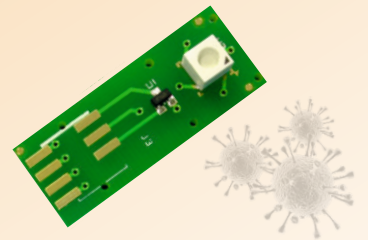
### Truenat™ Beta CoV | SARS CoV-2 | COVID-19

YOUR PARTNERS IN COVID-19 DETECTION AND MANAGEMENT

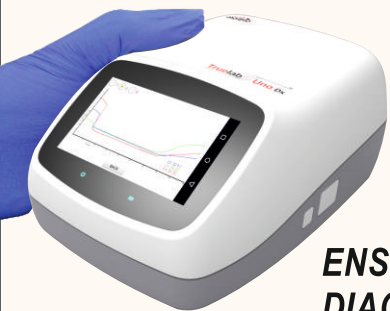


# Truenat™

## Beta CoV | SARS CoV-2 | COVID-19



- **TRUENAT™ BETA COV AND TRUENAT™ SARS COV-2** ARE THE CHIP-BASED REAL TIME RT PCR TESTS FOR THE SEMI QUANTITATIVE DETECTION OF BETA CORONAVIRUS (SARBECO) **E** GENE AND **RDRP** GENE OF SARS COV-2 RNA RESPECTIVELY
- **TRUENAT™ BETA COV** TEST IS RECOMMENDED FOR USE AS A FIRST LINE SCREENING TEST FOR COVID-19. SAMPLES TESTING POSITIVE BY **TRUENAT™ BETA COV** MAY BE CONFIRMED BY USING FOLLOW ON CONFIRMATORY TEST **TRUENAT™ SARS COV-2**
- **TRUENAT™ COVID-19** IS A CHIP-BASED REAL TIME DUPLEX RT PCR TEST FOR THE SEMI QUANTITATIVE DETECTION OF **E** AND **ORF1A** GENES OF THE SARS COV-2 RNA
- **SAMPLE TYPES:** HUMAN OROPHARYNGEAL/NASOPHARYNGEAL SWAB SPECIMEN
- **TRUENAT™ BETA COV/SARS COV-2** RUNS ON **TRUELAB®** REAL TIME QUANTITATIVE MICRO PCR ANALYZERS
- RAPID, PORTABLE AND POINT-OF-CARE TESTS. APPROVED BY ICMR
- SINGLE TESTING CAPABILITY. SAMPLE TO RESULT IN LESS THAN ONE HOUR
- 100% SENSITIVITY AND SPECIFICITY, WITH NO CROSS REACTION WITH COMMON RESPIRATORY PATHOGENS
- LIMIT OF DETECTION (LOD): **E** GENE : 486 GENOME COPIES/ML  
**RDRP** GENE : 407 GENOME COPIES/ML  
**ORF1A** : 480 GENOME COPIES/ML
- **SIMPLE AND FOOLPROOF. COMPARES WITH THE STATE OF ART MOLECULAR TECHNOLOGIES**
- **NO SPECIAL INFRASTRUCTURE IS REQUIRED. YOUR NEIGHBOURHOOD LABS CAN DO IT**
- **EXTENSIVELY VALIDATED. LICENSED BY INDIAN FDA. CE MARKED**
- **REPORTING CAN ALSO BE DONE WIRELESSLY**
- **SIMPLER, FASTER, MORE RELIABLE AND ACCURATE**



**ENSURES TIMELY AND CORRECT DIAGNOSIS. ALLOWS START OF EFFECTIVE TREATMENT THE SAME DAY**



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### ORDERING INFORMATION

PRODUCT	PACK SIZE	CAT. NO.
Truenat™ Beta CoV	5T	601410005
	20T	601410020
	50T	601410050
Truenat™ SARS CoV-2	5T	601420005
	20T	601420020
	50T	601420050
Truenat™ COVID-19	5T	601430005
	20T	601430020
	50T	601430050

**Truenat™**  
Beta CoV | SARS CoV-2 | COVID-19

**NOW PERFORMED AT**



**ANY WHERE, ANY TIME, REAL TIME PCR**