

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).

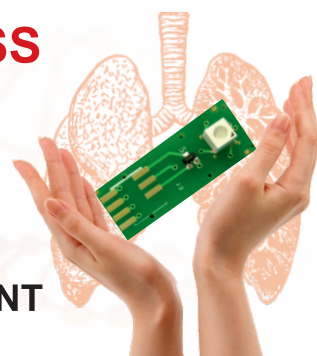
Single assay has a turnaround time of 35-50 minutes for 1-4 samples with a total of 12-48 samples being tested per 8 hours shift, depending upon the model of machine. The **biosafety and biosecurity requirements are minimal** in view of the sample being collected in viral lysis medium (VLM), which inactivates 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 (21st May 2020) & Advisory (24th Sept.2020), Indian Council of Medical Research, Delhi

DECENTRALISING & DEMOCRATISING ACCESS TO HIGH QUALITY DIAGNOSIS

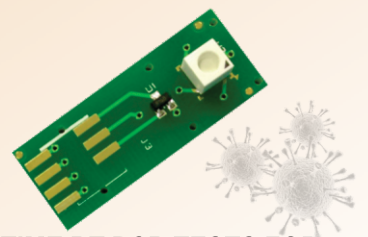
Truenat[®] Beta CoV | SARS CoV-2 | COVID-19

YOUR PARTNERS IN COVID-19 DETECTION AND MANAGEMENT

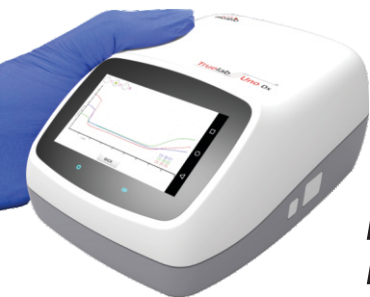


Truenat[®]

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 / COVID-19** 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**

molbio[®]

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ORDERING INFORMATION

PRODUCT	PACK SIZE	CAT. NO.
Truenat [®] Beta CoV	5T	601410005
	20T	601410020
	25T	601410025
	50T	601410050
	100T	601410100
	200T	601410200
Truenat [®] SARS CoV-2	5T	601420005
	20T	601420020
	25T	601420025
	50T	601420050
	100T	601420100
	200T	601420200
Truenat [®] COVID-19	5T	601430005
	20T	601430020
	25T	601430025
	50T	601430050
	100T	601430100
	200T	601430200

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Beta CoV | SARS CoV-2 | COVID-19

NOW PERFORMED AT

ANY WHERE, ANY TIME, REAL TIME PCR