The **Truenat** Real Time quantitative micro PCR system from Molbio Diagnostics brings PCR technology right to the point-of-care, at all laboratory and non-laboratory settings, primary centres, in the field, near patient, essentially at all levels of healthcare thereby decentralizing and democratising access to molecular diagnostics. With a large and growing menu of assays for infectious diseases, this rapid, portable technology enables early and accurate diagnosis and initiation of correct treatment right at the first point of contact. The platform is infrastructure independent and provides complete end to end solution for disease diagnosis. With proven ability to work even at Primary Health Centres and with wireless data transfer capability, this game changing technology brings in a paradigm shift to the global fight in control and management of devastating infectious diseases.

The system works on disease specific **Truenat** microchips for conducting a real time PCR. The chips carry batch specific information and standard curve values and require only 6 µl of purified nucleic acid sample for the reaction. The chips run on the fully automatic **Trurolab** Uno Dx real time micro PCR analyzer and quantitative results are available in about 35-40 minutes. The sample preparation (extraction and purification) is done on a fully automated, cartridge based **Trueprep** AUTO sample prep device. The process is simple and user friendly and takes about 20 minutes. ICMR, after extensive validation in 100 DMCs across 10 states in India screening over 11,000 TB suspects, has found **Truenat** MTB, MTB Plus and MTB RIF Dx to be a more sensitive and specific test and hence recommended it as a replacement to smear microscopy and CBNAAT for diagnosis of TB and Rifampicin resistance under the RNTCP algorithm.

**PRODUCTS AVAILABLE**
- MTB Screening
- MTB-RIF
- HIV with VL
- HIV-1 with EID+VL*
- HCV with VL
- H1N1
- Dengue
- Chikungunya
- Dengue/Chikungunya
- Malaria Pf
- Malaria Pv/Pt
- HEV
- SARS-CoV-2

**PRODUCTS COMING SOON**
- Leptospirosis
- H3N2/H1N1
- Zika
- Staphylococcus aureus (SA)
- Pseudomonas aeruginosa (PA)
- SA/PA
- Streptococcus pneumoniae (SP)
- Nipah
- SA/MRSA

**PRODUCTS PIPELINE**
- Klabiella
- HIV-2
- CMV
- EBV
- HSV (1/2)
- HHV-6 (A/B)
- Bordetella pertussis
- Toxoplasma gondii
- Rotavirus
- Syphilis
- Mumps
- Clostridium difficile

*Available for Export Market

**WHO Rapid Communication 13th January 2020**

“High diagnostic accuracy of Truenat as initial test to diagnose TB (i.e. replacing sputum smear microscopy) and to sequentially detect rifampicin resistance

The performance of Truenat MTB, MTB Plus and MTB-RIF Dx assays show comparable accuracy with other WHO approved molecular tests such as Xpert MTB/RIF and Xpert Ultra, TB-LAMP® and line probe assays for TB detection (Truenat MTB and Truenat MTB Plus) and for sequential rifampicin resistance detection (Truenat MTB-RIF Dx)**.”

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