

**MOLBIO DIAGNOSTICS LIMITED**  
**EN ISO 13485:2016 certified company**  
**CERTIFICATE OF ANALYSIS**

Licence No.: MFG/IVD/2021/000071

Date: 09/07/2025

Document ID: COA/TN/118TX/5T

Product Name	Truenat <sup>®</sup> MTB-RIF Dx
Generic Name	Chip-based Real Time PCR Test for Rifampicin Resistant <i>Mycobacterium tuberculosis</i>
Lot No.	118TX
Set No.	NA
Mfg. Date	2025-06
Exp. Date	2027-05
Pack Size	5T
Storage condition	2°C to 30°C

**PRECAUTION: Refer Safety Data Sheet and Instructions for Use.**

Sr. No.	Components in each kit	Specification	Observation
01	Number of pouches as per pack size	Should be present	Present
02	Pouch Contents: 1 chip, 1 micro tube, 1 desiccant pouch and 1 filter barrier tip	Should be present	Present
03	Colour of desiccant pouch	Should be present and Orange in Colour	Present / Orange Colour
04	Package Insert	Should be present	Present
05	Seal integrity test	Should pass	Pass

Performance testing data				
Samples	Ct Values			Results
	Tm		Control	
	P2	P1		
Positive sample 1	65.68 ± 0.26	66.49 ± 0.23	70.01 ± 0.33	RIF Resistance detected
Positive sample 2	72.09 ± 0.30	66.44 ± 0.32	69.89 ± 0.52	RIF Resistance not detected
Positive sample 3	72.17 ± 0.39	66.44 ± 0.27	70.39 ± 1.05	RIF Resistance not detected
Tm- Melting temperature, Ct- Cycle threshold				

Tm- Melting temperature, Ct- Cycle threshold

\*Mfg- Manufacturing, Exp- Expiry

The lot is tested and verified as per QC standards and is approved.

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