

# Elimination of TB Requires Diagnosis

Molecular Detection of M. Tuberculosis Complex with  
Loopamp™ PURE & MTBC

- › Robust technology
- › From small to large series
- › Available everywhere

Loopamp™ PURE & MTBC

WHO Recommended

ELIMINATION REQUIRES DIAGNOSIS  
DIAGNOSIS REQUIRES TECHNOLOGY  
TECHNOLOGY REQUIRES SUPPORT

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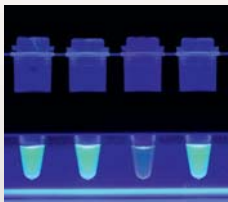


EIKEN CHEMICAL CO., LTD.

**Human**  
Diagnostics Worldwide

# Diagnosis Requires Appropriate Technology for

Primary/District Laboratories  
(Level I+II)



Time to result  
< 1 hour



Stable,  
dried  
reagents



Storage  
at room  
temperature

Agreement between LAMP and MGIT culture  
before treatment

		MGIT Culture			p <sup>b</sup>	PPA <sup>a</sup> (95% CI)	NPA (95% CI)	ORA* (95% CI)
		Positive	Negative	Total				
LAMP	Positive	98	10	108	0.01	99.0 (94.5-99.8%)	94.0 (89.3%-96.7)	99.6 (89.3%-96.7)
	Negative	1	157	158				
	Total	99	168	266				

<sup>a</sup> Wilson 95% confidence intervals. MGIT culture was assumed to be the reference standard

<sup>b</sup> McNemar test

\* ORA Overall rates of agreement

# for all Laboratories Involved

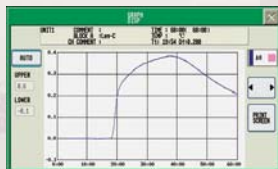
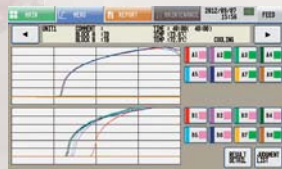
## Reference/Regional Laboratories (Level III+IV)



HumaHeat\*

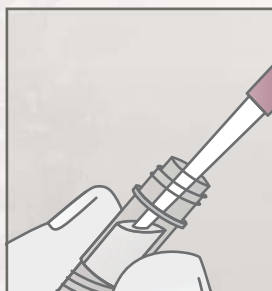


HumaTurb C+ A



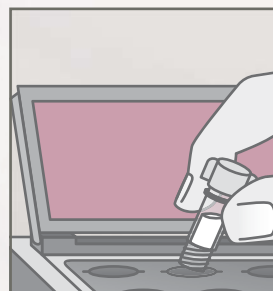
## Simple and Quick Purification with Loopamp™ PURE DNA Extraction

1



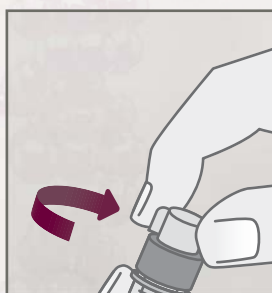
Transfer sample into  
heating tube.

2



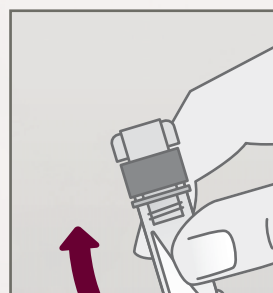
Incubate heating tube for  
5 minutes at 90°C.

3



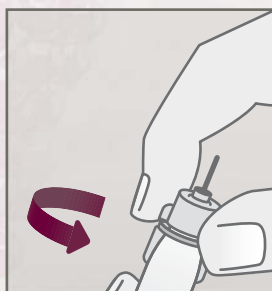
Connect heating tube  
to adsorbent tube.

4



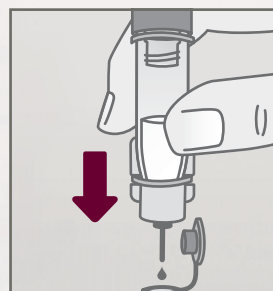
Shake thoroughly.

5



Attach injection cap to  
adsorbent tube.

6



Take out LAMP™ reaction  
tubes and dispense DNA.





# HUMAN Diagnostics

**Appropriate Technology Requires  
Worldwide Availability, Service & Support**





## HUMAN – Your Partner in Achieving 2030 Sustainable Development Goals

-  Headquarters
-  Regional Offices
-  Trainings Center
-  Distributors

# Elimination of TB Requires Diagnosis

Coming  
Soon

**WHO Recommended**



**Loopamp™ PURE DNA Extraction Kit**  
(90 tests)  
REF: 970000



**Pipette-60 Set**  
(1 pipette, 4x96 filter tips)  
REF: 971000



**Loopamp™ MTBC Detection Kit**  
(2x48 tests)  
REF: 972000



**HuMax ITA** REF: 980000  
*Benchtop micro centrifuge with mixing function*



**HumaLoop T** REF: 961000



**HumaTurb Set (HumaTurb C + A)**  
REF: 963200



Scalable up to 6 HumaTurb A (96 determinations per run)  
REF: 963100 (HumaTurb A unit)