## **MultNAT® System**



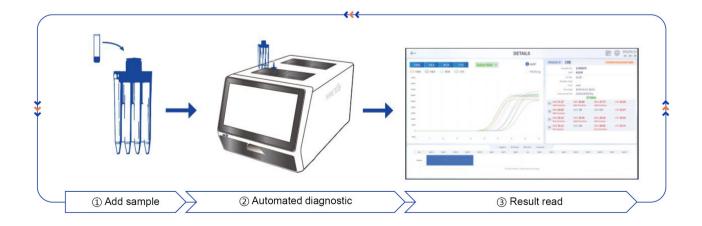
# **Molecular Diagnostic PCR System**

Multiplex / Automatic / Enclosed / High-Throughput

Helicobacter Pylori + resistance

Sample to result within 1,5h

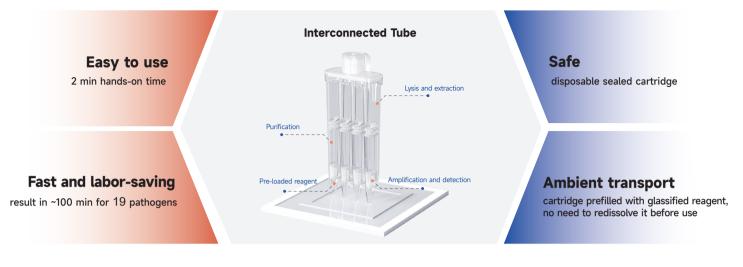
**MultNAT® Workflow** 



Ustar Biotechnologies (Hangzhou) Ltd. 🛡



#### THE FEATURES



Point-of-care testing independent modules run any test any time with 24/7 random access

#### Helicobacter pylori 23S rRNA Gene mutation Detection Kit

Target genes	<ul> <li>Helicobacter Pylori (UreA)</li> <li>Clarithromycin resistence genes: 23S rRNA genes A2142G, A2142C, A2143G</li> <li>Quinolon resistence genes: gyrA genes A260T, C261A, T261G, G271A, G271T, A272G</li> </ul>
LoD	1000 copies/ml
Time to result	90 min
Sample material	Biopsy

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$\leftarrow$	Det	ails		Ŕ	2023/10/0 22:27:3
FAM HEX ROX CY5 Select Well ~	Select Well Y O AMP Module A HP0000			4-interconnected tube	
← FAM - ← HEX - ← ROX - ← CY5	○ Melting	ALA Sample No/Result 202310080	05	HP positive, 23S without mutation gyrA with mutation	
100		AL FAM N/A HEX N/A BYTA NEGATIVE 23S NEGATIVE	ROX N/A	CV5 27.28	Result NEGATIVE
75	$\square$	FAM 26.33 HEX N/A	ROX N/A	CY5 23.98	Result POSITIVE
		AN NA HEX NA HEX NA	ROX N/A	CYS 26.32	Result NEGATIVE
50		FAM N/A HEX N/A	ROX 26.66 0	CVS 24.93	Result POSITIVE
		(X54) Sample No/Result 202310080006		HP positive, 23S without mutation gyrA with mutation	
3		AM N/A HEX N/A	ROX N/A	CV5 30.02	Result
0		FAM N/A HEX N/A	ROX N/A	CY5 24.49	Result NEGATIVE
		FAM N/A HEX N/A	ROX N/A	CY5 24.49	Result NEGATIVE
0 5 10 15 20 25 30	35 40	FAM 27.03 HEX N/A	ROX 26.26	CV5 26.32	Result POSITIVE

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