

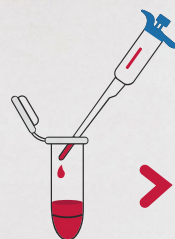
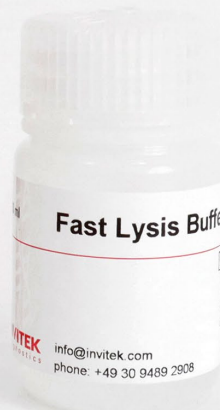
INVIPREP® FAST LYSIS BUFFER

FAST DNA EXTRACTION FROM BACTERIA AND FUNGI

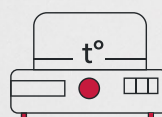
The InviPrep® Fast Lysis Buffer shows exceptional efficiency in lysing gram-positive and gram-negative bacteria, as well as a range of different fungi (yeasts and molds). DNA extracts can be used in subsequent molecular biology applications such as PCR or LAMP

HIGHLIGHTS

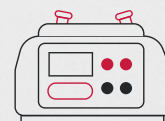
- Ultra-fast DNA extraction in less than 20 minutes
- Inhibitor-free DNA extracts suitable for PCR applications
- Economic: minimal plastic waste and low costs, convenient storage at room temperature
- Verified for enrichment samples from food, bacteria and fungi in culture broth or culture plate samples



Sample +
Fast Lysis Buffer



Heat 99° C
8 min.



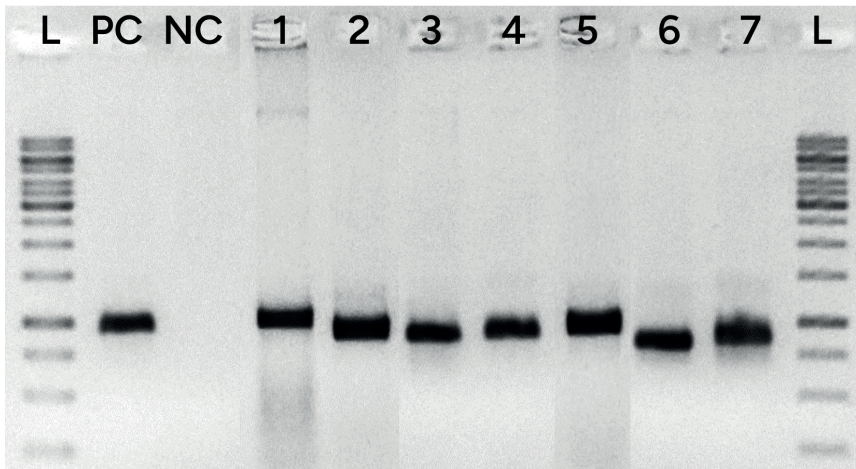
Centrifuge



**PCR
READY
EXTRACT**

EASY WORKFLOW 24 SAMPLES IN LESS THAN 20 MINUTES!

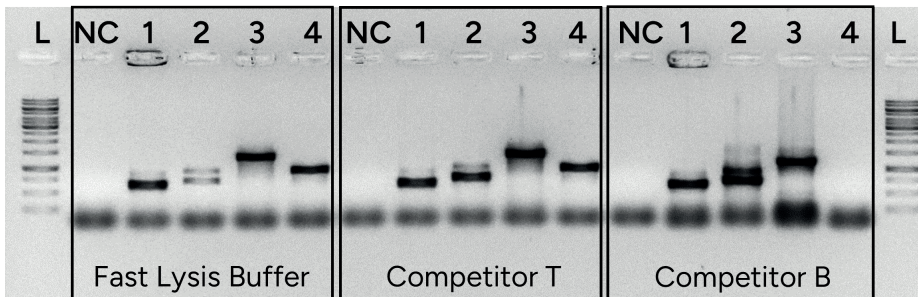
DNA EXTRACTION FROM GRAM-POSITIVE AND GRAM-NEGATIVE BACTERIA



No.	Sample	Gram
L	Ladder	
PC	Positive control (TaKaRa)	
NC	Negative control (water)	
1	<i>Pseudomonas aeruginosa</i>	-
2	<i>E. coli</i>	-
3	<i>Staphylococcus aureus</i>	+
4	<i>Bacillus cereus</i>	+
5	<i>Salmonella enteritidis</i>	-
6	<i>Enterococcus faecalis</i>	+
7	<i>Listeria monocytogenes</i>	+

DNA from colonies of bacterial species 1-7 (refer to table legend) were isolated with InviPrep® Fast Lysis Buffer. 2 µl of extract were used with the Bacterial 16S rDNA PCR Kit (TaKaRa). Bacterial DNA was detected in all extracts, demonstrating the lysis efficiency for gram-positive and gram-negative bacteria.

DNA EXTRACTION FROM YEAST AND MOLD



No.	Sample
L	Ladder
N	Negative control
1	<i>Geotrichum candium</i>
2	<i>Aureobasidium sp.</i>
3	<i>Saccharomyces cerevisiae</i>
4	<i>Penicillium sp.</i>

DNA from colonies of fungal species 1-4 (refer to table legend) were isolated with InviPrep® Fast Lysis Buffer, and competitors T and B. Extracts were diluted 1:100. 5 µl of extract were used with an ITS rDNA PCR (inhouse protocol).

ORDERING INFORMATION

Product	Catalogue No.
InviPrep® Fast Lysis Buffer	1001136100

Standard package size 20 ml for 100 preps

Contact us

info@invitek.com

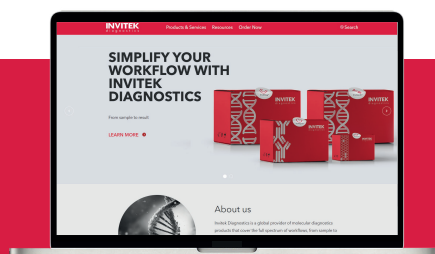
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AND SEE WHAT'S IN FOR YOU



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