

Manual

Yeast lysis kit

Additional set of reagent for yeast genomic DNA isolation dedicated for:

- MagnifiQ™ Genomic series kits
- Genomic Mini Universal kit.

catalog #	size
604YK-50	50 isolations
604YK-100	100 isolations

For research use only.

Guarantee

A&A Biotechnology provides a guarantee on this product.

The company does not guarantee the correct performance of this kit in the event of:

- not adhering to the supplied protocol
- use of not recommended equipment or materials
- use of other reagents than recommended or which are not a component of the product
- use of expired or improperly stored product or its components

Advantages

- Complete lysis of thick yeast cell walls enabling efficient DNA isolation process.
- Minimized DNA fragmentation during lysis provides high quality DNA for metagenomic analyses.

Description

Yeast lysis kit is designed for isolation of yeast genomic DNA using the MagnifiQ™ Genomic series kits and Genomic Mini Universal kit. Cell lysis is the first and crucial step in successful DNA isolation. The aim of lysis is to quickly and thoroughly break down cells in a sample to release nucleic acids into the lysate. **Lyticase** is an enzymatic mixture originating from *Arthrobacter luteus* that hydrolyses yeast cell wall glucan.

Contents

component	50 isolations 604YK-50		100 isolations 604YK-100		storage
	quantity	cat #	quantity	cat #	
Lyticase	550 µl	K-LYT-550B	1.1 ml	K-LYT-11A	-20 °C
DTT RTU	154 mg	K-DTT-154	2 x 154 mg	K-DTT-154	2-8 °C
BS suspension buffer	15 ml	K-BS-15	30 ml	K-BS-30	2-8 °C
ultrapure water	1.5 ml	K-WUP-15A	2 x 1.5 ml	K-WUP-15A	-20-25 °C

Additional information

- Follow the manual for the MagnifiQ™ Genomic series kits or the Genomic Mini Universal kit, which can be downloaded from www.aabiot.com/en.
- Prepare **1M DTT solution**.
Add **1 ml** of ultrapure water to a vial containing DTT powder to obtain 1M DTT solution. Mix or vortex until complete dissolution of DTT powder. Store a clear solution at -20 °C.



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