



TANBEAD

TANBead® Nucleic Acid Extraction Kit Fungi DNA Extraction (61F)

TANBead® Fungi DNA Kit is a nucleic acid purification kit based on magnetic bead technology by using with corresponding TANBead® Nucleic Acid Extractor, which can automatically extract nucleic acids from wide ranges of Fungi samples such as the yeast and filamentous fungi. Fungi specimens are pre-treated with glass beads first then processed through a series of automatic extraction steps and the high-quality nucleic acids can be used with any downstream application employing PCR-based qualitative, semi-quantitative and quantitative assays. The kit is intended for use by technicians, physicians, and biologists with well-trained in molecular biological techniques, the techniques of magnetic bead purification and *in vitro* diagnostic procedures.

Feature	Specification
Application	PCR, qPCR, next-generation sequencing (NGS), etc.
Sample	Fungal sample ($OD_{600}=1.0$) are recommended for each test
Purification technology	Automation Magnetic beads
Typical yield	1 μ g
Typical A260/A280	≥ 1.7
Operation Time	50-60 min

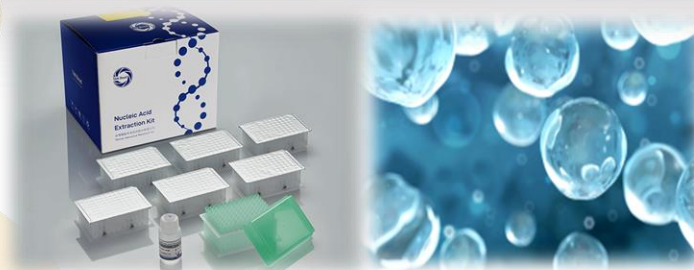
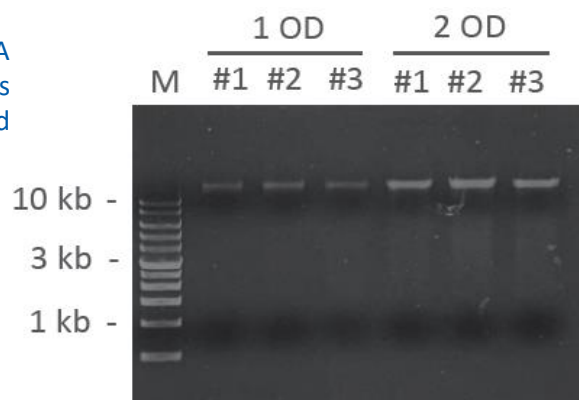


Table. Yield and quality of extracted DNA from yeast using 61F kit.

	1 OD		2 OD	
	Mean	SD	Mean	SD
Yield (μ g)	0.39	0.02	0.81	0.035
Quality A260/A280	1.96	0.021	1.95	0.01

Figure. Integrity of DNA extracted from yeast samples using 61F kit, examined through gel electrophoresis.



Sample Description	Test	Instrument	Reference No.	Ordering No. (IVD)
Fungi DNA Auto Plate	96	SLA 32/ E132	61FA46	301583
Fungi DNA Auto Tube	96	SLA 32/ E132	61FS46	301584
Fungi DNA Auto Plate	96	M8/ M4800 series	M61FA46	301585
Fungi DNA Auto Tube	96	M8/ M4800 series	M61FS46	301586



Rapid

Highly efficient, convenient and time-saving



Efficacy

Provide choices for different sample inputs, such as 8, 48 tests per run



Quality

High-quality DNA suitable for PCR, qPCR, NGS



Broad

Suitable for extract nucleic acids from wide ranges of fungal samples



TANBEAD



LinkedIn

Taiwan Advanced Nanotech Inc.

6F., No. 188, Wenhe Rd., Guishan Dist., Taoyuan City 333, Taiwan
Tel / +886-3-3167568 Fax / +886-3-3173369
Email / success@tanbead.com