

# TANBead® Nucleic Acid Extraction Kit

## Tissue RNA Extraction (6K2)

**TANBead® Tissue RNA Kit** is a nucleic acid purification kit based on magnetic bead technology by using with corresponding TANBead® Nucleic Acid Extractor, which can automatically isolate and purify total RNA from tissues and cells. The purified RNA can be used with any downstream application employing RT-PCR, qRT-PCR and Northern blot. 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	RT-PCR, qRT-PCR and Northern blot
Sample	Tissues or cells
Purification technology	Automation Magnetic beads
Typical yield	2~5 µg
Typical A260/A280	1.7~2.0
Operation Time	45 - 60 min

Figure. Integrity of RNA from 30 mg zebrafish, 30 mg meat and 106 THP-1 or SHSY5Y cells extracted with 6K2 kit, examined through gel electrophoresis.

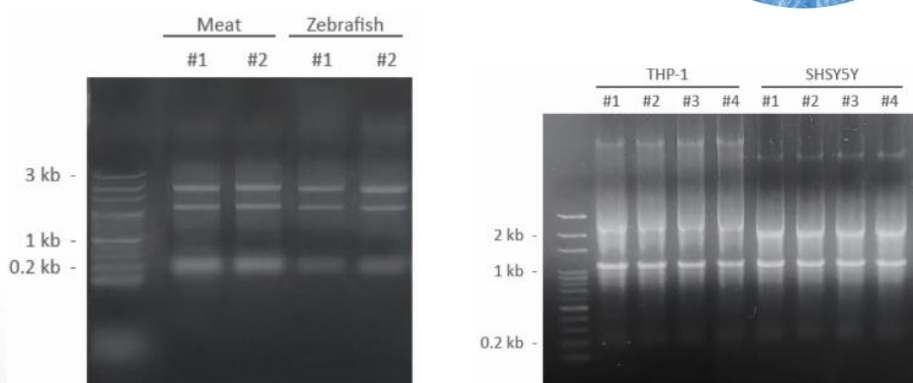


Table. Ribonucleic acid quality and quantity analysis.

Kit	Total RNA amount (µg)	Average (µg)	260/280	Average (µg)	260/230	Average (µg)
Q brand	3.92		2.08		1.53	
	4.28	4.91	2.07	2.08	1.09	1.40
	6.52		2.08		1.57	
6K2	10.33		1.94		2.21	
	11.47	12.12	1.92	1.95	2.20	2.21
	14.56		1.99		2.22	



Sample Description	Test	Instrument	Reference No.	Ordering No. (IVD)
Tissue RNA Auto Plate	96	SLA 32/ E132	6K2A46	301368
Tissue RNA Auto Tube	96	SLA 32/ E132	6K2S46	301369
Tissue RNA Auto Plate	96	M8/ M4800 series	M6K2A46	301366
Tissue RNA Auto Tube	96	M8/ M4800 series	M6K2S46	301367
Tissue RNA Auto Plate	96	M9600 series	W6K2A46	301404
Tissue RNA Auto Tube	72	M9600 series	W6K2S66	301405



### Rapid

Highly efficient, convenient and time-saving



### Efficacy

Only 30 mg tissue is enough for use



### Quality

High-quality RNA suitable for RT-PCR, qRT-PCR and Northern blot



### Test

Provide choices for different sample inputs, such as 8, 48 and 96 tests per run



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