



Taiwan  
Advanced  
Nanotech

# TOTAL SOLUTION PROVIDER FOR NUCLEIC ACID EXTRACTION

Reagents Manufacturer





# Taiwan Advanced Nanotech

We can offer a wide range of products to meet varied customer requirements, including automated nucleic acid extractor, ready-to-use prefilled reagent kits, and also automated filling line, a manufacturing equipment for production of prefilled plates.

# TANBead Reagent Kits



## Pre-filled Reagent




TANBead pre-filled reagent kits can be easily loaded into TANBead instruments for nucleic acid extraction without massive sample pre-treatments to reduce labor cost and time consumption.

# Blood DNA Extraction

## Introduction

TANBead Blood DNA Kit are designed for rapid, reliable, automated purification of DNA from the blood samples. Our magnetic beads-based technology with our corresponding extraction system can provide you the automated, high-throughput and easy-to-use nucleic acids extraction. The extracted nucleic acids can apply to various applications, such as PCR, qPCR, HLA-typing, and sequencing.

## Key features

-  Automated magnetic beads-based nucleic acids extraction technology
-  High yield and high-quality nucleic acids
-  Provide choices with different sample inputs, such as 8, 48, 96 tests per run

## TANBead® Blood DNA Kit

Specification	
Samples	Whole blood, frozen blood, buffy coat
Operation time	40-50 min
Reagent kits	611 series 61E series (with proteinase K)
Extraction system	Maestrom 8 / Maestrom 48 series Maestrom 96 series
Applications	PCR-based HLA-typing, and NGS analysis

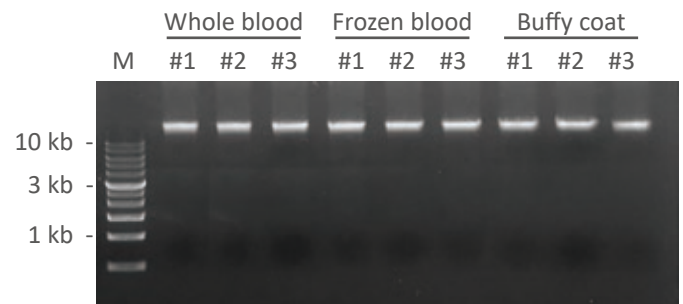
**Table 1.**

The yield and quality of extracted DNA from 200  $\mu$ L whole blood samples using the 611 kit.

	Mean	SD
Yield ( $\mu$ g)	4.15	0.21
Quality A260/A280	1.93	0.02

**Figure 1.**

Extracted DNA integrity was examined by gel electrophoresis from the whole blood, frozen blood and buffy coat samples by the 61E kit.






# Blood RNA Extraction

## Introduction

TANBead Blood RNA Kit are designed for rapid, reliable, automated purification of RNA from the blood samples. Our magnetic beads-based technology with our corresponding extraction system can provide you the automated, high-throughput and easy-to-use nucleic acids extraction. The extracted nucleic acids can apply to various applications, such as RT-PCR.

## Key features

-  Purify RNA from the whole blood without RBC treatment (lysis)
-  High yield and high-quality nucleic acids
-  Provide choices with different sample inputs, such as 8, 48, 96 tests per run

## TANBead® Blood RNA Kit

Specification	
Samples	Whole blood
Operation time	30-40 min
Reagent kits	621 series
Extraction system	Maestrom 8 / Maestrom 48 series Maestrom 96 series
Applications	RT-PCR and qRT-PCR

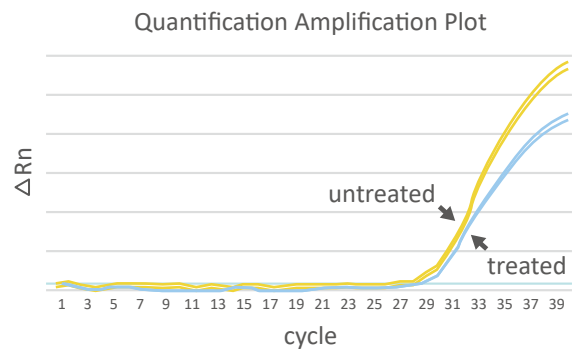
**Table 1.**

The yield and quality of extracted RNA from 100  $\mu$ L whole blood samples using the 621 kit.

	Mean	SD
Yield (ng/ $\mu$ L)	8.66	0.16
Quality A260/A280	2.00	0.10

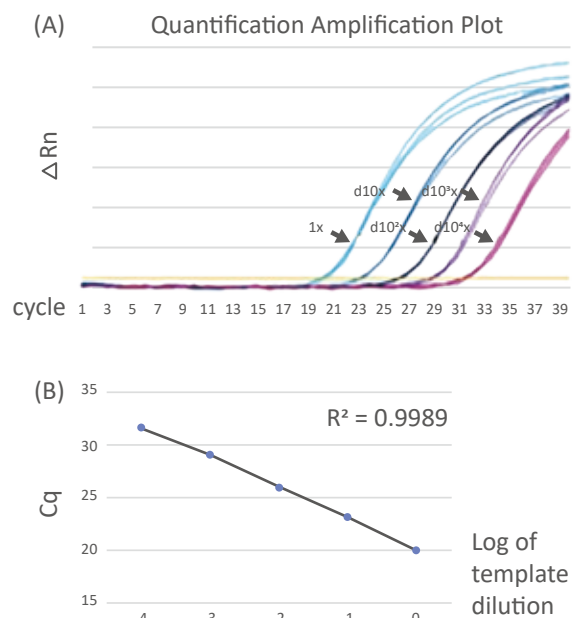
**Figure 1.**

RNA is dominant in the extracted RNA by examining the GAPDH expression levels in presence or absence of DNase treatment. The mean Cq value of untreated group is  $28.83 \pm 0.67$ , and that of treated group is  $29.08 \pm 0.45$ .



**Figure 2.**

(A) The GAPDH product was stably amplified in the extracted RNA in a 10-fold serial dilution manner. (B) The linear relationship of Cq values each dilutions was demonstrated. The mean Cq value of each amplification is  $20.22 \pm 0.18$ ,  $23.52 \pm 0.15$ ,  $26.00 \pm 0.14$ ,  $29.11 \pm 0.14$ , and  $31.93 \pm 0.43$ .








## Introduction

TANBead cfDNA Kit are designed for rapid, reliable, automated purification of cfDNA from the blood samples. Our magnetic beads-based technology with our corresponding extraction system can provide you the automated, high-throughput and easy-to-use nucleic acids extraction. The extracted nucleic acids can apply to various applications, such as PCR, qPCR, and sequencing for cancer biomarkers detection.

## Key features

-  Automated magnetic beads-based nucleic acids extraction technology
-  High yield and high-quality nucleic acids
-  Provide choices with different sample inputs, such as 8, 48, 96 tests per run

## TANBead® cfDNA Kit

Specification	
Samples	Serum or plasma
Operation time	40-50 min
Reagent kits	61C series, L91C
Extraction system	Maestrom 8 / Maestrom 48 series Maestrom 96 series Maestrom 2400
Applications	PCR, qPCR and NGS analysis

**Table 1.**

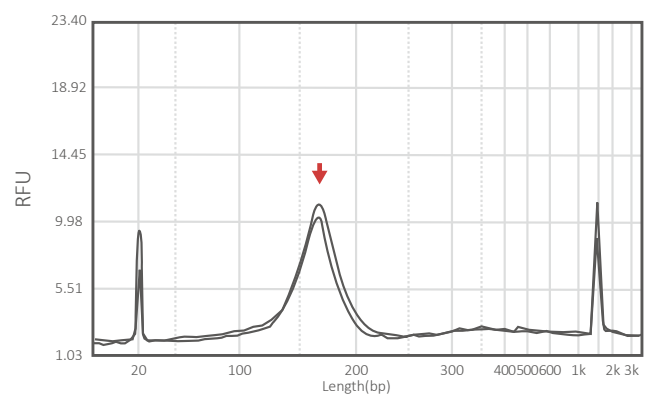
The yield and integrity measurement of the extracted cfDNA from serum or plasma samples using the L91C kit.

Sample	yield (ng/ mL)	Alu115 (pg)	Integrity
			Alu247/ Alu115
Serum	51.58	869.4	0.2
Plasma	13.48	170.4	0.49

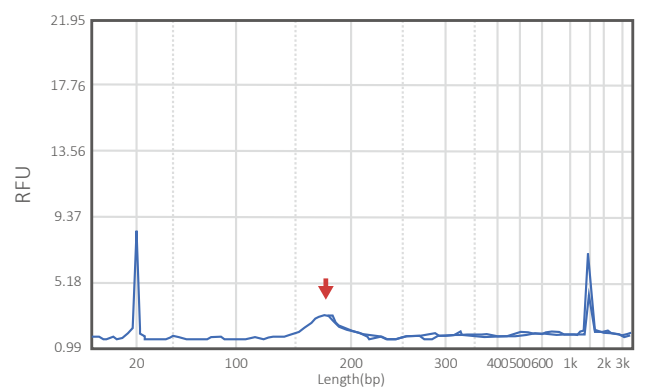
**Figure 1.**

The fragment size (red arrow) of extracted cfDNA from the serum (A) or plasma (B) samples were examined by capillary electrophoresis.

**(A) Serum**



**(B) Plasma**






# Virus DNA/RNA Extraction

## Introduction

TANBead Virus DNA/RNA Kit are designed for rapid, reliable, automated purification of nucleic acids from various sample types. Our magnetic beads-based technology with our corresponding extraction system can provide you the automated, high-throughout and easy-to-use nucleic acids extraction. The extracted nucleic acids can apply to various applications, such as PCR, qPCR, and sequencing.

## Key features

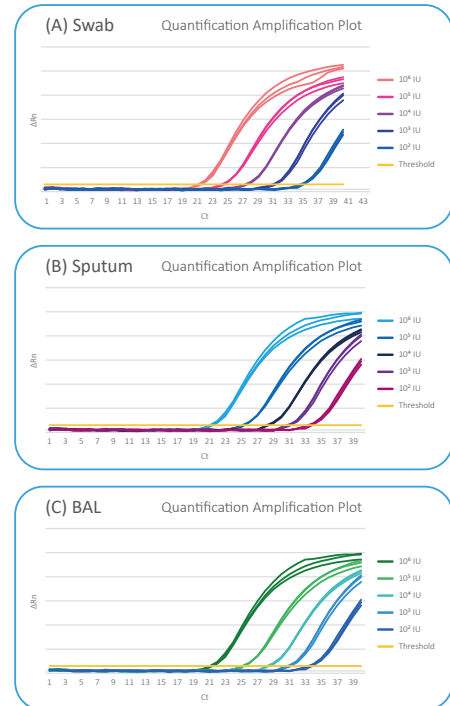
-  Automated magnetic beads-based nucleic acids extraction technology
-  High yield and high-quality nucleic acids
-  Provide choices with different sample inputs, such as 8, 48, 96 tests per run

## TANBead® Virus DNA/RNA Kit

Specification	
Samples	Serum, plasma, swabs, sputum, or bronchoalveolar lavage (BAL)
Operation time	30-40 min
Reagent kits	615 series (DNA) 635 series (RNA) 665 series (DNA/RNA)
Extraction system	Maestrom 8 / Maestrom 48 series Maestrom 96 series
Applications	PCR, qPCR and sequencing

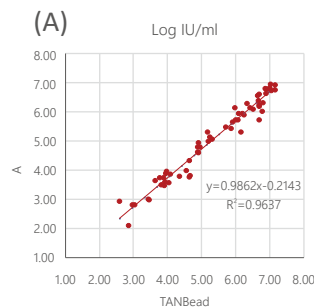
**Figure 1.**

The virus fragment was stably amplified in the extracted RNA that isolated from samples containing various concentration of HCV standard template. The sample types, including swab (A), sputum (B) and BAL (C) were examined.

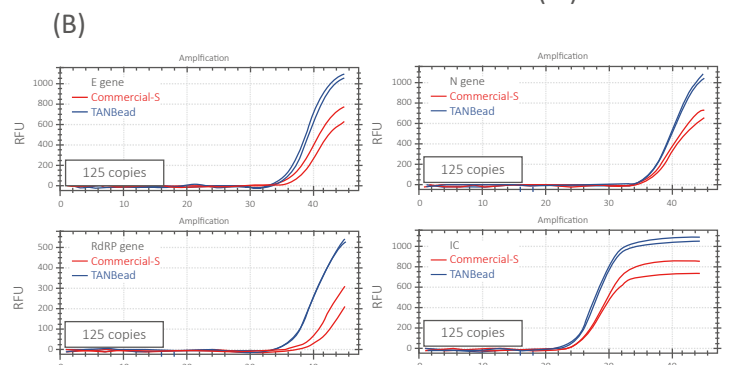


**Figure 2.**

(A) In sixty HCV positive samples, the highly correlation of results between TANBead viral extraction kit and qPCR analysis or commercial-A all-in-one sample preparation and detection system was demonstrated. (X-axis: Log IU/ml of HCV RNA extracted by the 665 kit. Y-axis: Log IU/ml of HCV RNA extracted by commercial-A sample preparation system.)



(B) The samples spiked in 125 copies COVID-19 pseudovirus were extracted either by the 665 kit or the commercial-S one, and subjected to qPCR analysis for N, E, RdRP, and internal control (IC).






# Bacteria DNA Extraction

## Introduction

TANBead Bacteria DNA Kit are designed for rapid, reliable, automated purification of nucleic acids from the gram(-), gram(+) and other atypical bacteria samples. Our magnetic beads-based technology with our corresponding extraction system can provide you the automated, high-throughout and easy-to-use nucleic acids extraction. The extracted nucleic acids can apply to various application, such as PCR, qPCR, and sequencing.

## Key features

-  Automated magnetic beads-based nucleic acids extraction technology
-  High yield and high-quality nucleic acids
-  Provide choices with different sample inputs, such as 8, 48, 96 tests per run

## TANBead® Bacteria DNA Kit

Specification	
Samples	Sputum, bronchoalveolar lavage (BAL), or cultured bacteria
Operation time	50-60 min
Reagent kits	61G series
Extraction system	Maestrom 8 / Maestrom 48 series Maestrom 96 series
Applications	PCR, qPCR, and sequencing

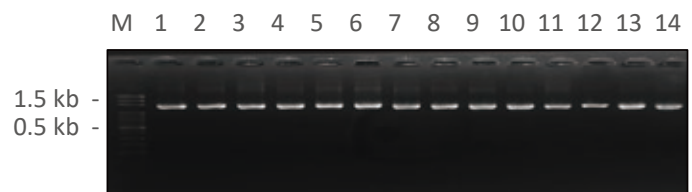
**Table 1.**

The yield and quality of extracted DNA from the  $10^6$  *Salmonella* or *Staphylococcus* using the 61G kit.

	<i>Salmonella</i>		<i>Staphylococcus</i>	
	Mean	SD	Mean	SD
Yield (ng/ $\mu$ L)	33.1	0.8	34.3	0.21
Quality A260/A280	2.06	0.02	2.04	0.04

**Figure 1.**

Genomic DNA from 14 gram-positive and gram-negative bacteria is well isolated by the 61G kit.



- |                            |                           |
|----------------------------|---------------------------|
| 1: <i>Bacillus</i>         | 8: <i>Cupriavidus</i>     |
| 2: <i>Microbacterium</i>   | 9: <i>Duganella</i>       |
| 3: <i>Massilia</i>         | 10: <i>Flavobacterium</i> |
| 4: <i>Paenibacillus</i>    | 11: <i>Lactobacillus</i>  |
| 5: <i>Corynebacterium</i>  | 12: <i>Weissella</i>      |
| 6: <i>Escherichia</i>      | 13: <i>Leuconostoc</i>    |
| 7: <i>Novosphingomonas</i> | 14: <i>Burkholderia</i>   |






# Tissue DNA Extraction

## Introduction

TANBead Tissue DNA Kit are designed for rapid, reliable, automated purification of DNA from the tissues and cells. Our magnetic beads-based technology with our corresponding extraction system can provide you the automated, high-throughput and easy-to-use nucleic acids extraction. The extracted nucleic acids can apply to various applications, such as PCR, qPCR, and sequencing.

## Key features

-  Automated magnetic beads-based nucleic acids extraction technology
-  High yield and high-quality nucleic acids
-  Provide choices with different sample inputs, such as 8, 48, 96 tests per run

## TANBead® Tissue DNA Kit

Specification	
Samples	Tissues or cells
Operation time	50-60 min
Reagent kits	6T2 series
Extraction system	Maestrom 8 / Maestrom 48 series Maestrom 96 series
Applications	PCR, qPCR and southern blot

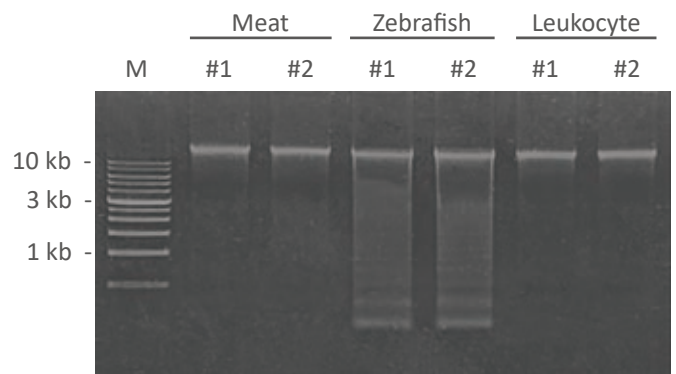
**Table 1.**

The yield and quality of extracted DNA from the meat, zebrafish, or cells using the 6T2 kit.

	50 mg meat		50 mg zebrafish		10 <sup>6</sup> cells	
	Mean	SD	Mean	SD	Mean	SD
Yield (µg)	31.09	0.61	29.29	0.54	22.52	0.01
Quality A260/A280	1.81	0.02	1.8	0	1.98	0.51

**Figure 1.**

Extracted DNA integrity was examined by gel electrophoresis from the meat, zebrafish, or leukocyte by the 6T2 kit.








# FFPE DNA Extraction

## Introduction

TANBead FFPE DNA Kit are designed for rapid, reliable, automated purification of DNA from the FFPE samples. Our magnetic beads-based technology with our corresponding extraction system can provide you the automated, high-throughput and easy-to-use nucleic acids extraction. The extracted nucleic acids can apply to various application, such as PCR, qPCR, and sequencing.

## Key features

-  Only 50-60 um thickness FFPE sample is enough for use
-  Short pretreatment time
-  Without using toxic solvents during the whole extraction process

## TANBead® FFPE DNA Kit

Specification	
Samples	FFPE
Operation time	30-40 min
Reagent kits	61P series
Extraction system	Maestrom 8 / Maestrom 48 series Maestrom 96 series
Applications	PCR and qPCR

**Table 1.**

The operation time for processing 48 samples using the 61P kit and the commercial-Q kit.

Supplier	Processing time
TANBead	2.5 hours
Commercial-Q	3.5-4 hours

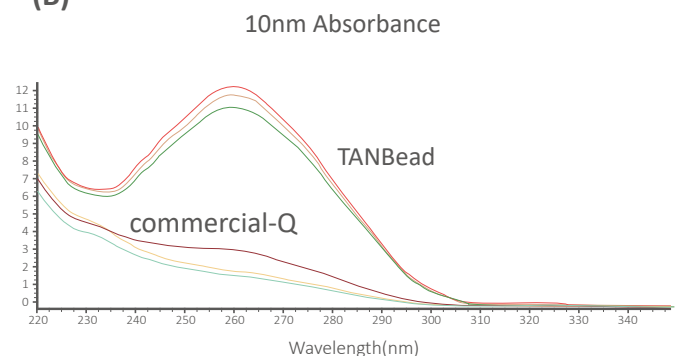
**Table 2.**

The yield (A) and quality (B) comparison of extracted FFPE DNA using the 61P kit and the commercial-Q kit.

### (A)

Supplier	TANBead		commercial-Q	
	Mean	SD	Mean	SD
Yield (m/μL)	574.18	24.18	110.4	30.51
Quality A260/A280	1.83	0.02	2.1	0.03
Quality A260/A230	1.8	0.04	0.50	0.12

### (B)






# Stool DNA Extraction

## Introduction

TANBead Stool DNA Kit are designed for rapid, reliable, automated purification of DNA from the stool samples. Our magnetic beads-based technology with our corresponding extraction system can provide you the automated, high-throughout and easy-to-use nucleic acids extraction. The extracted nucleic acids can apply to various applications, such as PCR, qPCR, sequencing (microbiome profiling).

## Key features

-  Can acquire both microbial and the host DNA from stool samples
-  Provides appropriate lysis buffers for either omnivorous or herbivorous species
-  Provide choices with different sample inputs, such as 8, 48, 96 tests per run

## TANBead® Stool DNA Kit

Specification	
Samples	Stool
Operation time	30-40 min
Reagent kits	6SC series
Extraction system	Maestrom 8 / Maestrom 48 series Maestrom 96 series
Applications	PCR, qPCR, and NGS analysis

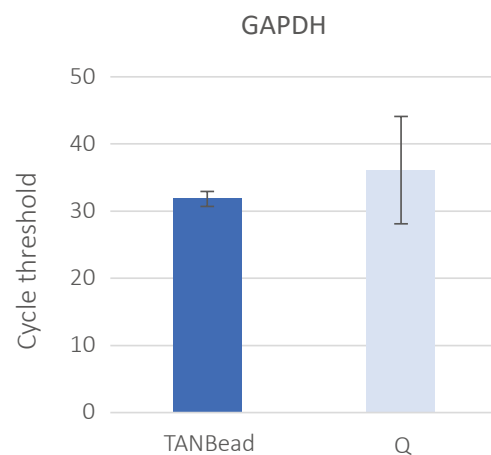
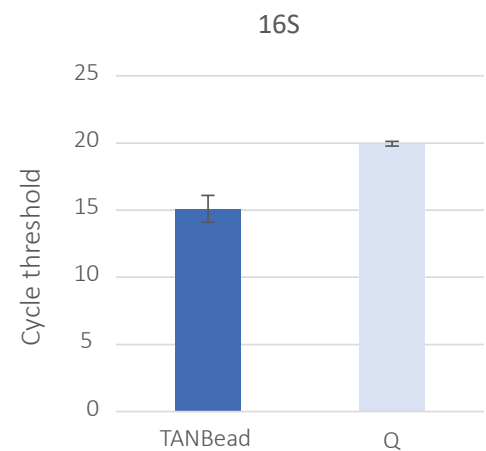
**Table 1.**

The yield comparison of extracted stool DNA using the 6SC kit and the commercial-Q kit.

Supplier	TANBead		commercial-Q	
	Mean	SD	Mean	SD
Yield (ng/μL) of Human	130.1	2.4	11.9	0.4
Yield (ng/μL) of Bacteria	60.7	2.3	10.1	1.2

**Figure 1.**

The extracted stool DNA was subjected to 16S rDNA (indicates bacteria) or GAPDH (indicates human) qPCR analysis, and the Ct values of using the 6SC kit-extracted DNA as template was lower than that of using the commercial-Q kit.



**Table 2.**

The yield measurement and qPCR analysis of the extracted DNA from the stool sample from omnivorous or herbivorous species.

Species		Incubation buffer 1: Omnivorous Buffer		Incubation buffer 2: Herbivorous Buffer	
		Yield (µg)	Ct Mean	Yield (µg)	Ct Mean
Omnivorous	Cat	14.53±1	27.37±0.62	5.22±0.51	29.32±0.32
	Dog	26.58±0.67	17.14±0.36	2.38±0.39	19.56±0.28
Herbivorous	Rabbit	6.4±0.22	NA	3.25±0.6	28.07±0.21
	Running chinchilla	18.35±3.8	NA	4.08±0.46	28.65±0.18
	Goat	3.5±1.25	20.22±0.66	5.03±1.42	20.1±0.51
	Tortoise	10.15±1.59	28.14±0.71	5.2±2.02	28.16±0.6
	Guinea Pig	37.5±7.60	27.63±0.74	33.8±15.64	27.62±1.16
	Cow	4.53±0.3	29.99±0.43	7.3±1.1	29.48±0.46

**Table 3.**

Table 3. The yield and qPCR analysis of the extracted DNA from the stool sample spiked in *Giardia lamblia* cyst parasites were examined.

Parasiten in stool				
Species	Yield(µg)	SD	Ct	SD
Human	32.68	0.1	29.53	0.17
Cat	14.71	0.06	31.7	0.23
Dog	40.42	0.04	32.35	0.25

# Plant DNA Extraction

## Introduction

TANBead Plant DNA Kit are designed for rapid, reliable, automated purification of DNA from the leaves or seeds. Our magnetic beads-based technology with our corresponding extraction system can provide you the automated, high-throughput and easy-to-use nucleic acids extraction. The extracted nucleic acids can apply to various applications, such as PCR, qPCR, and sequencing.

## Key features

- Automated magnetic beads-based nucleic acids extraction technology
- High yield and high-quality nucleic acids
- Provide choices with different sample inputs, such as 8, 48, 96 tests per run

## TANBead® Plant DNA Kit

Specification	
Samples	Leaf, seed or rice grain
Operation time	613 30-40 min 619 100-120 min
Reagent kits	613 series, 619 series
Extraction system	Maestrom 8 / Maestrom 48 series Maestrom 96 series Contact Tanbead (619)
Applications	PCR-based genotyping and qPCR

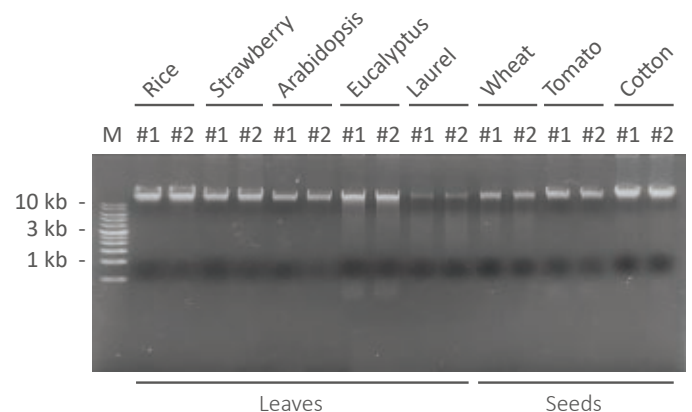
**Table 1.**

The yield and quality of extracted DNA from plant samples using the 613 kit.

Sample type		Yield (µg)	Quality 260/280
Leaves	Rice	4.93±0.13	1.82±0.02
	Strawberry	4.79±0.53	1.37±0.05
	Arabidopsis	3.41±0.04	1.89±0.06
	Eucalyptus	5.84±0.62	1.67±0.11
	Laurel	2.5±0.03	1.98±0.01
Seeds	Wheat (144.8 mg)	2.11±0.22	1.88±0.04
	Tomato (19.5 mg)	4.19±0.03	1.84±0.01
	Cotton (103.5 mg)	15.05±0.24	1.82±0.02

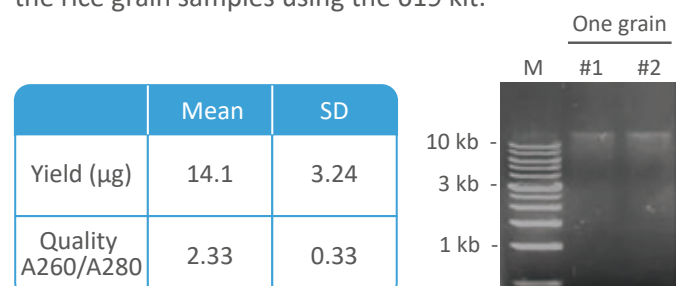
**Figure 1.**

Extracted DNA integrity was examined by gel electrophoresis from the plant samples by the 613 kit.



**Figure 2.**

The yield, quality and integrity of extracted DNA from the rice grain samples using the 619 kit.



**Table 2. Various leaves DNA are well extracted using the M613-SE kit.**

Plant leaves	Conc. (ng/ $\mu$ L)
Fern	16.1
<i>Cunninghamia lanceolata</i>	9.4
<i>Juniper us chinensis L. var. kaizuka</i>	25.2
<i>Pinaceae</i>	6.2
<i>Podocarpus macrophyllus</i>	11.9
<i>Commelina communis L.</i>	27.1
<i>Bambusoideae</i>	36.8
<i>Egeria densa</i>	19.6
<i>Orchidaceae, Orchid</i>	22.3
<i>Saccharum</i>	43.6
<i>Areca catechu</i>	27.25
<i>Oryza sativa, Rice</i>	32.03
<i>Trachycarpus fortunei, Palm</i>	27.25
<i>Scheffera arboricola</i>	17
Melon	22.9
Cabbage	3.4
<i>Trifolium hybridum</i>	16.7
<i>Phoebe zhennan</i>	13.8
<i>Prunus subgen. Cerasus</i>	28.3
<i>Psidium guajava</i>	28.4
<i>Aronia melanocarpa</i>	30
<i>Fructus Mori</i>	18.4
<i>Corymbia citriodora</i>	27.4
<i>Melaleuca alternifolia</i>	36.5
<i>Eucalyptus robusta</i>	41.5
<i>Camellia sinensis</i>	47.1
<i>Liquidambar formosana</i>	12.6
<i>Osmanthus fragrans</i>	12.5
<i>Codiaeum variegatum</i>	53.6
<i>Acacia confusa</i>	41.7
<i>Carica papaya</i>	26.4
<i>Rosa rugosa, Rose leaf</i>	35.2
<i>Rosa rugosa, Rose petal</i>	8.3
<i>Passiflora edulis</i>	26.3
<i>Celosia cristata</i>	12.7
<i>Corymbia citriodora</i>	18.7
<i>Laurus nobilis</i>	14.3
<i>Arabidopsis thaliana</i>	24.77
<i>Fragaria <math>\times</math> ananassa, Strawberry</i>	37.29

**Table 3. Various seeds DNA are well extracted using the M613-SE kit.**




Plant Seeds	Amount (mg)	Conc. (ng/ $\mu$ L)
<i>Zea mays, Corn</i>	202.0	10.0
<i>Hordeum vulgare, Barley</i>	141.5	10.2
<i>Triticum aestivum</i>	144.8	17.4
<i>Arabidopsis thaliana</i>	104.0	51.1
<i>Sesamum indicum</i>	201.0	8.6
<i>Cucumis sativus, Cucumber</i>	228.0	16.0
<i>Cucurbita pepo, Pumpkin</i>	209.0	10.8
<i>Abelmoschus esculentus</i>	181.0	14.1
<i>Fragaria <math>\times</math> ananassa, Strawberry</i>	15.6	13.3
<i>Solanum lycopersicum, Tomato</i>	19.5	32.4
<i>Solanum melongena, Egg Plant</i>	43.4	17.0
Cotton	103.5	117.1
<i>Alstonia scholaris</i>	17.0	9.4

# Plant RNA Extraction

## Introduction

TANBead Plant RNA Kit are designed for rapid, reliable, automated purification of RNA from the leaves or seeds. Our magnetic beads-based technology with our corresponding extraction system can provide you the automated, high-throughput and easy-to-use nucleic acids extraction. The extracted nucleic acids can apply to various application, such as RT-PCR.

## Key features

-  Automated magnetic beads-based nucleic acids extraction technology
-  High yield and high-quality nucleic acids
-  Provide choices with different sample inputs, such as 8, 48, 96 tests per run

## TANBead® Plant RNA Kit

Specification	
Samples	Leaf or seed
Operation time	30-40 min
Reagent kits	6K3 series
Extraction system	Maestrom 8 / Maestrom 48 series Maestrom 96 series
Applications	RT-PCR, qRT-PCR and northern blot

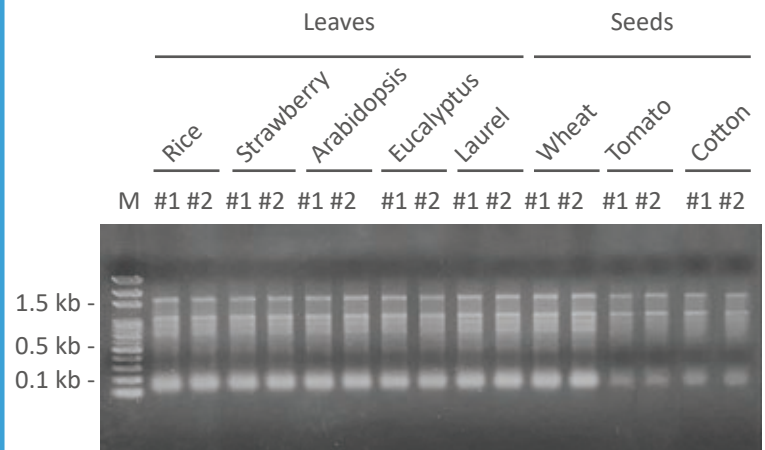
**Table 1.**

The yield and quality of extracted RNA from plant samples using the 6K3 kit.

Sample type		Yield (µg)	260/280
Leaves	Rice	6.46±0.16	1.97±0.01
	Strawberry	6.46±0.18	1.97±0.01
	Arabidopsis	6.12±0.24	1.95±0
	Eucalyptus	6.17±0.10	1.94±0.04
	Laurel	6.18±0.22	1.96±0.01
Seeds	Wheat (144.8 mg)	6.68±0.20	1.95±0.04
	Tomato (19.5 mg)	4.45±0.15	1.72±0.06
	Cotton (103.5 mg)	4.9±0.04	2.06±0.18

**Figure 1.**

Extracted RNA integrity was examined by gel electrophoresis from the leaves or seeds by the 6K3 kit.





# Fungi DNA Extraction

## Introduction

TANBead Fungi DNA Kit are designed for rapid, reliable, automated purification of DNA from the fungi samples. Our magnetic beads-based technology with our corresponding extraction system can provide you the automated, high-throughput and easy-to-use nucleic acids extraction. The extracted nucleic acids can apply to various applications, such as PCR, qPCR, and sequencing.

## Key features

- Automated magnetic beads-based nucleic acids extraction technology
- High yield and high-quality nucleic acids
- Provide choices with different sample inputs, such as 8, 48 tests per run

## TANBead® Fungi DNA Kit

Specification	
Samples	Fungi
Operation time	40-50 min
Reagent kits	61F series
Extraction system	Maestrom 8 / Maestrom 48 series
Applications	PCR and qPCR

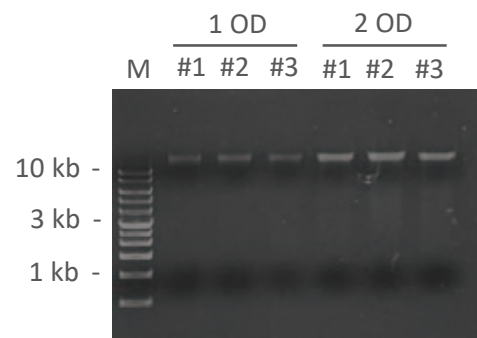
**Table 1.**

The yield and quality of extracted DNA from yeast using the 61F kit.

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

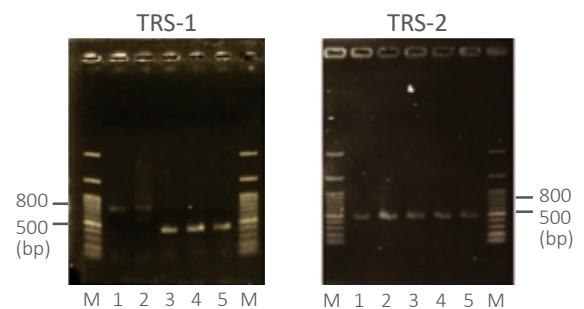
**Figure 1.**

Extracted DNA integrity was examined by gel electrophoresis from the yeast samples by the 61F kit.



**Figure 2.**

PCR amplification of the tandemly repetitive subelements (TRS)-1 and TRS-2 subrepeat element from five isolates of *T. rubrum*. (Chien-yio Lin, 2017)



1: scalp 2: scalp 3: scalp  
4: right sole 5: right big toe

Reference.

Chien-yio Lin, Hsiu-Jung Lo, Ming-Gen Tu et al. The survey of tinea capitis and scalp dermatophyte carriage in nursing home residents. *Medical Mycology*. 2018; 56:180-185.



Sample	Description	Test	Reference No.	Ordering No.
Blood	TANBead Blood DNA Auto Plate	96	M611A46	301126
	TANBead Blood DNA Auto Tube	96	M611S46	301127
	TANBead OptiPure Blood DNA Auto Plate	96	M61EA46	301128
	TANBead OptiPure Blood DNA Bulk Plate	960	M61EA10	301307
	TANBead OptiPure Blood DNA Auto Tube	96	M61ES46	301129
	TANBead Blood RNA Auto Plate	96	M621A46	301400
	TANBead Blood RNA Auto Tube	96	M621S46	301401
Plant	TANBead Plant DNA Auto Plate	96	M613A46	301134
	TANBead Plant DNA Auto Tube	96	M613S46	301135
	TANBead Plant DNA Auto Plate	96	M613A46-SE	301371
	TANBead Plant DNA Auto Tube	96	M613S46-SE	301372
	TANBead Plant RNA Auto Plate	96	M6K3A46	301383
	TANBead Plant RNA Auto Tube	96	M6K3S46	301384
cfDNA	TANBead OptiPure cfDNA Auto Plate	96	M61CA46	301385
	TANBead OptiPure cfDNA Auto Tube	96	M61CS46	301389
FFPE	TANBead OptiPure FFPE DNA Auto Plate	96	M61PA46	301152
	TANBead OptiPure FFPE DNA Auto Tube	96	M61PS46	301153
Virus	TANBead HBV Auto Plate	96	M615A46	301140
	TANBead HBV Auto Tube	96	M615S46	301141
	TANBead Viral Auto Plate	96	M635A46	301146
	TANBead Viral Auto Tube	96	M635S46	301147
	TANBead OptiPure Viral Auto Plate	96	M665A46	301148
	TANBead OptiPure Viral Auto Tube	96	M665S46	301149
	TANBead OptiPure Viral Bulk Plate	960	M665A10	301346
	HPV Auto Plate	96	M61HA46	301431
	HPV Auto Tube	96	M61HS46	301432
Tissue	TANBead Tissue DNA Auto Plate	96	M612A46	301130
	TANBead Tissue DNA Auto Tube	96	M612S46	301131
	TANBead Tissue Total DNA Auto Plate	96	M6T2A46	301132
	TANBead Tissue Total DNA Bulk Plate	960	M6T2A10	301306
	TANBead Tissue Total DNA Auto Tube	96	M6T2S46	301133
	TANBead Tissue Total DNA Auto Kit	96	M6T2046	301260
	TANBead Tissue RNA Auto Plate	96	M6K2A46	301366
	TANBead Tissue RNA Auto Tube	96	M6K2S46	301367
Fungi	TANBead Fungi DNA Auto Plate	96	M61FA46	301150
	TANBead Fungi DNA Auto Tube	96	M61FS46	301151
Forensic	TANBead Forensic DNA Auto Plate	96	M6TFA46	301424
	TANBead Forensic DNA Auto Tube	96	M6TFS46	301425
Bacteria	TANBead Gram Bacteria DNA Auto Plate	96	M61GA46	301138
		96	M61GA46-SE	301294
	TANBead Gram Bacteria DNA Auto Tube	96	M61GS46	301139
		96	M61GS46-SE	301295
	Microbiome DNA Auto Plate	96	M6MBA46	301375
	Microbiome DNA Auto Tube	96	M6MBS46	301376
Stool	TANBead Stool Cell DNA Auto Plate	96	M6SCA46	301387
	TANBead Stool Cell DNA Auto Tube	96	M6SCS46	301388



Sample	Description	Test	Reference No.	Ordering No.
Blood	TANBead Blood DNA Auto Plate	96	M611A46	301126
	TANBead Blood DNA Auto Tube	96	M611S46	301127
	TANBead OptiPure Blood DNA Auto Plate	96	M61EA46	301128
	TANBead OptiPure Blood DNA Auto Tube	96	M61ES46	301129
	TANBead Blood RNA Auto Plate	96	M621A46	301400
	TANBead Blood RNA Auto Tube	96	M621S46	301401
Plant	TANBead Plant DNA Auto Plate	96	M613A46	301134
	TANBead Plant DNA Auto Tube	96	M613S46	301135
	TANBead Plant DNA Auto Plate	96	M613A46-SE	301371
	TANBead Plant DNA Auto Tube	96	M613S46-SE	301372
	TANBead Plant RNA Auto Plate	96	M6K3A46	301383
	TANBead Plant RNA Auto Tube	96	M6K3S46	301384
cfDNA	TANBead OptiPure cfDNA Auto Plate	96	M61CA46	301385
	TANBead OptiPure cfDNA Auto Tube	96	M61CS46	301389
FFPE	TANBead OptiPure FFPE DNA Auto Plate	96	M61PA46	301152
	TANBead OptiPure FFPE DNA Auto Tube	96	M61PS46	301153
Virus	TANBead HBV Auto Plate	96	M615A46	301140
	TANBead HBV Auto Tube	96	M615S46	301141
	TANBead Viral Auto Plate	96	M635A46	301146
	TANBead Viral Auto Tube	96	M635S46	301147
	TANBead OptiPure Viral Auto Plate	96	M665A46	301148
	TANBead OptiPure Viral Auto Tube	96	M665S46	301149
	TANBead OptiPure Viral Bulk Plate	960	M665A10	301346
	HPV Auto Plate	96	M61HA46	301431
	HPV Auto Tube	96	M61HS46	301432
Tissue	TANBead Tissue DNA Auto Plate	96	M612A46	301130
	TANBead Tissue DNA Auto Tube	96	M612S46	301131
	TANBead Tissue Total DNA Auto Plate	96	M6T2A46	301132
	TANBead Tissue Total DNA Auto Tube	96	M6T2S46	301133
	TANBead Tissue RNA Auto Plate	96	M6K2A46	301366
	TANBead Tissue RNA Auto Tube	96	M6K2S46	301367
Fungi	TANBead Fungi DNA Auto Plate	96	M61FA46	301150
	TANBead Fungi DNA Auto Tube	96	M61FS46	301151
Forensic	TANBead Forensic DNA Auto Plate	96	M6TFA46	301424
	TANBead Forensic DNA Auto Tube	96	M6TFS46	301425
Bacteria	TANBead Gram Bacteria DNA Auto Plate	96	M61GA46	301138
		96	M61GA46-SE	301294
	TANBead Gram Bacteria DNA Auto Tube	96	M61GS46	301139
		96	M61GS46-SE	301295
	Microbiome DNA Auto Plate	96	M6MBA46	301375
	Microbiome DNA Auto Tube	96	M6MBS46	301376
Stool	TANBead Stool Cell DNA Auto Plate	96	M6SCA46	301387
	TANBead Stool Cell DNA Auto Tube	96	M6SCS46	301388
Pathogen	TANBead STIs Extraction Auto Plate	96	M6STA46	301414
	TANBead STIs Extraction Auto Tube	96	M6STS46	301415

## Reagent Kit with : Maelstrom 9600, Maelstrom 9610

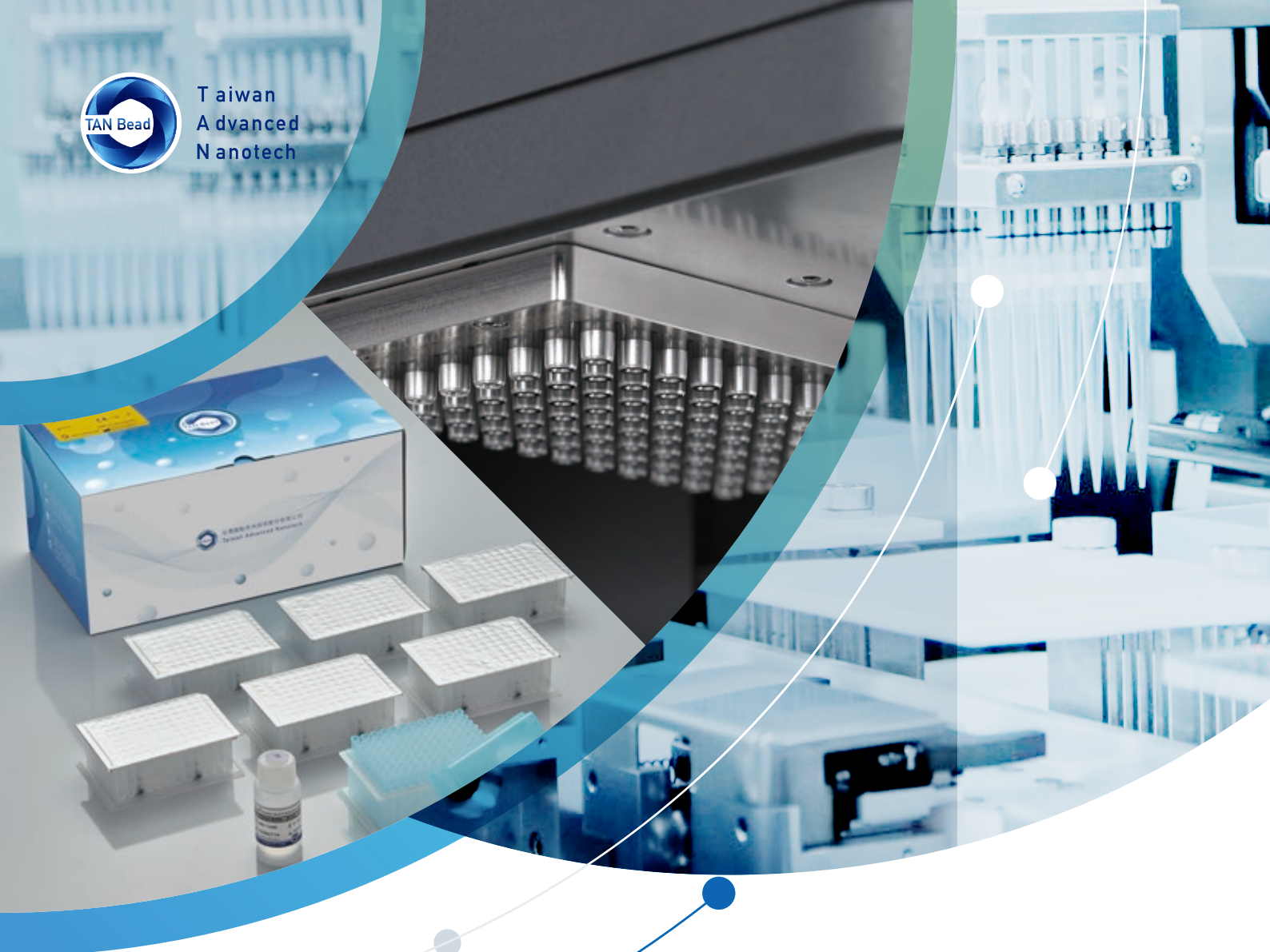
Sample	Description	Test	Reference No.	Ordering No.
Blood	TANBead Blood DNA Auto Plate	96	W611A46	301186
	TANBead Blood DNA Auto Tube	72	W611S66	301187
	TANBead OptiPure Blood DNA Auto Plate	96	W61EA46	301188
	TANBead OptiPure Blood DNA Auto Tube	72	W61ES66	301189
	TANBead Blood RNA Auto Plate	96	W621A46	301402
	TANBead Blood RNA Auto Tube	72	W621S66	301403
	TANBead Dried Blood Spot Auto Plate	96	W61EA46-BS	301435
Plant	TANBead Plant DNA Auto Plate	96	W613A46	301194
	TANBead Plant DNA Auto Tube	72	W613S66	301259
	TANBead Plant DNA Auto Plate	96	W613A46-SE	301379
	TANBead Plant DNA Auto Tube	72	W613S66-SE	301378
	TANBead Plant RNA Auto Plate	96	W6K3A46	301406
	TANBead Plant RNA Auto Tube	72	W6K3S66	301407
cfDNA	TANBead OptiPure cfDNA Auto Plate	96	W61CA46	301377
	TANBead OptiPure cfDNA Auto Tube	72	W61CS66	301386
Virus	TANBead HBV Auto Plate	96	W615A46	301200
	TANBead HBV Auto Tube	72	W615S66	301201
	TANBead Viral Auto Plate	96	W635A46	301206
	TANBead Viral Auto Tube	72	W635S66	301258
	TANBead OptiPure Viral Auto Plate	96	W665A46	301224
	TANBead OptiPure Viral Bulk Plate	960	W665A10	301345
	TANBead OptiPure Viral Auto Tube	72	W665S66	301209
Tissue	TANBead Tissue DNA Auto Plate	96	W612A46	301190
	TANBead Tissue DNA Auto Tube	72	W612S66	301191
	TANBead Tissue Total DNA Auto Plate	96	W6T2A46	301192
	TANBead Tissue Total DNA Auto Tube	72	W6T2S66	301193
	TANBead Tissue RNA Auto Plate	72	W6K2A46	301404
	TANBead Tissue RNA Auto Tube	96	W6K2S66	301405
Bacteria	TANBead Gram Bacteria DNA Auto Plate	96	W61GA46	301198
	TANBead Gram Bacteria DNA Auto Tube	72	W61GS66	301199
Stool	TANBead Stool Cell DNA Auto Plate	96	W6SCA46	301392
	TANBead Stool Cell DNA Auto Tube	72	W6SCS66	301391

## Reagent Kit with : Maelstrom 2400

Sample	Description	Test	Reference No.	Ordering No.
cfDNA	TANBead OptiPure cfDNA Auto Kit	48	L91C045	301411



Taiwan  
Advanced  
Nanotech



Address

6F., No. 188, Wenhe Rd.,  
Guishan Dist., Taoyuan City  
333, Taiwan (R.O.C.)



Tel

TEL: +886-3-3167568  
FAX: +886-3-3173369



E-mail

[success@tanbead.com](mailto:success@tanbead.com)



Taiwan Advanced Nanotech Inc.  
[www.tanbead.com](http://www.tanbead.com)