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## taco™ mini Automatic Nucleic Acid Extraction System



tacO™ mini Automatic Nucleic Acid Extraction System applies the advanced magnetic particle transfer technology to purify nucleic acids for up to 8 samples in less than 30 minutes. High-quality nucleic acids extracted from a wide range of sample materials are ready for immediate use in downstream applications.

### Compact

- Light weight and small footprint
- Bench top design, portable device

### Simple

- One-touch operation
- Pre-programmed protocol
- LED status display

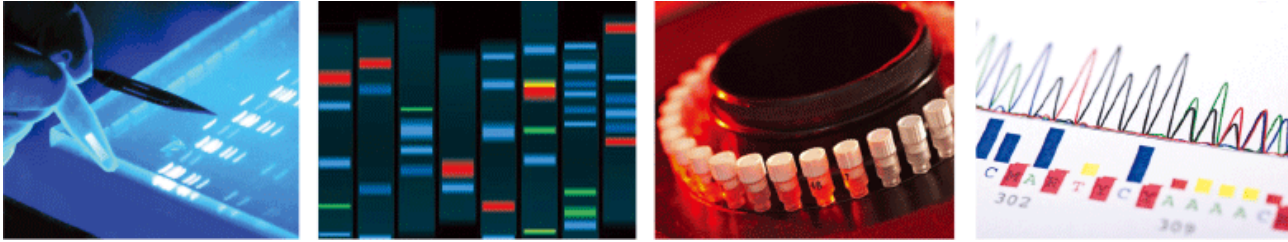
### Versatile

tacO™ mini can be applied to purify materials such as animal tissues, plant tissues and human specimens (serum, plasma, buffy coat, whole blood, and respiratory swab).



### Diversified

Purified DNA/RNA can be used for a wide range of applications, such as molecular diagnostics, genetic identity testing, biomedical researches, and gene expression analysis.



CE-IVD model available

### Performance

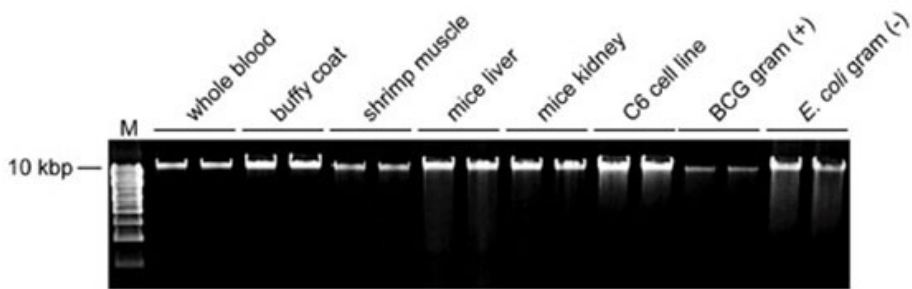


Fig 1. With taco™ Total DNA Extraction Kit, genomic DNA can be extracted from various sample types.



Fig 2. With taco™ Total DNA Extraction Kit, the result shows high consistency among samples from the same person's whole blood.

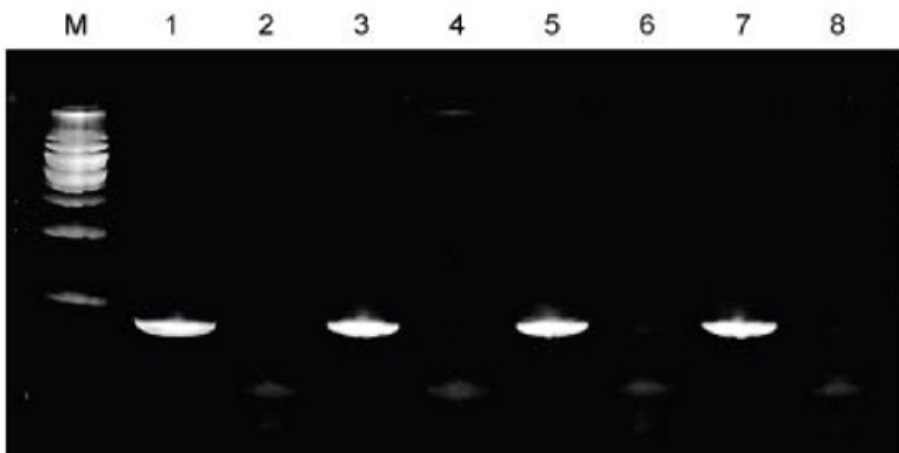
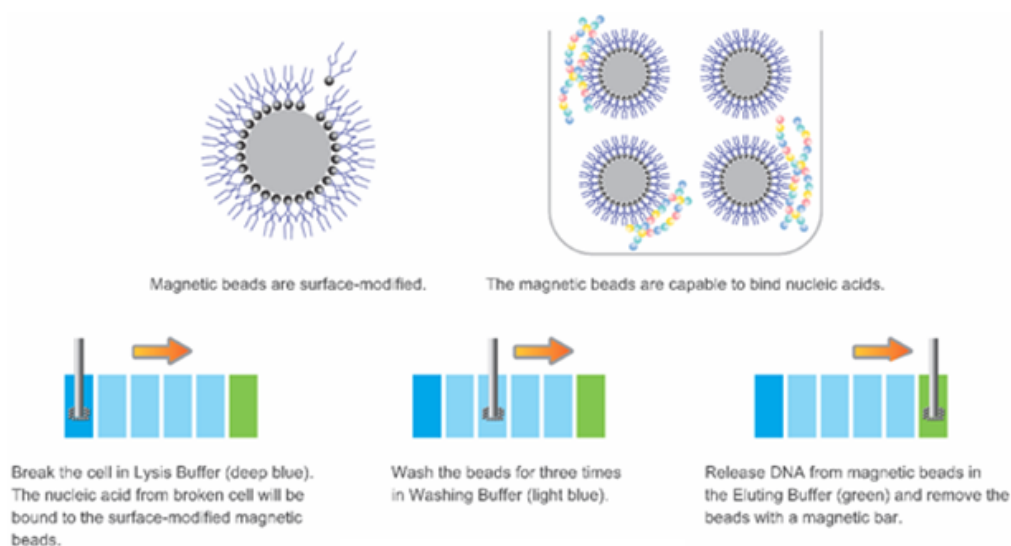


Fig 3. No Cross-contamination to neighbor well. PCR templates are extracted from 200  $\mu$ l spiked plasmid ( $1 \times 10^6$ , lane 1, 3, 5 and 7) and non-template control (lane 2, 4, 6 and 8).

## Principle of Magnetic Bead Extraction



## SPECIFICATIONS

### taco™ mini Automatic Nucleic Acid Extraction System

Technology	Magnetic bead separation
Run Time	Time Around 30 minutes
Throughput	Up to 8 samples
Dimensions & Weight	260 (W) × 265 (D) × 300 (H) mm, 5.5 kg
Power Source	100-120V/200-240V AC, 50/60 Hz, 2A
Warranty Information	1-year limited warranty

## AVAILABLE REAGENTS

Item	Sample Type	Sample Size	Yield	A 260/280
taco™ Total DNA Extraction Kit	Whole Blood	200 $\mu$ l	>40 ng/ $\mu$ l	1.6 ~ 2.0
	Shrimp Tissue	20 mg	>30 ng/ $\mu$ l	1.6 ~ 2.0
	Mouse Liver / Kidney	30 mg	>133 ng/ $\mu$ l	1.6 ~ 2.0

	C6 cell line	1x10 <sup>6</sup>	>100 ng/μl	1.6 ~ 2.0
taco™ DNA/RNA Extraction Kit	Swine Tissue	30 mg	>80 ng/ul	1.6 ~ 2.2
	Shrimp Tissue	20 mg	>30 ng/ul	1.6 ~ 2.2
	Fish Tissue	20 mg	>20 ng/ul	1.6 ~ 2.2
taco™ Plant DNA/RNA Extraction Kit	Orchid Leaves	100 mg	>25 ng/μl	1.6 ~ 2.2
	Rice Leaves	50 mg	>100 ng/μl	1.6 ~ 2.2
	Papaya Leaves	50 mg	>100 ng/μl	1.6 ~ 2.2
taco™ Preloaded DNA/RNA Extraction Kit	Performance data is the same with taco™ DNA/RNA Extraction Kit			
taco™ Preloaded Total DNA Extraction Kit	Performance data is the same with taco™ Total DNA Extraction Kit			

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