

taco

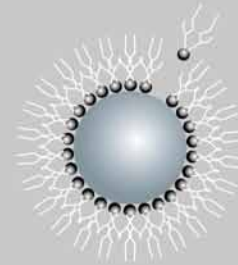


taco™

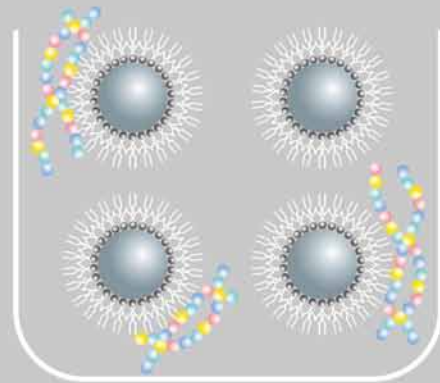
Nucleic Acid Automatic
Extraction System

www.tacomag.com

A Lifestyle of Simplicity



Magnetic beads are surface-modified
to bind nucleic acids with high affinity



The **taco**[™] Nucleic Acid Automatic Extraction System applies the advanced magnetic particle transfer technology to purify nucleic acids from up to 32 samples within 50 minutes. High-quality nucleic acids from a wide range of sample materials are ready for immediate use in downstream applications.

There is no unnecessary parameter input. You simply press a single button to start. The brand new design of **taco**[™] will bring you a whole new experience of nucleic acid purification.

taco



- Run / Stand by
- Pause / End
- UV
- Error
- Door
- Prinny / Reset
- Start

Capabilities with Elegance



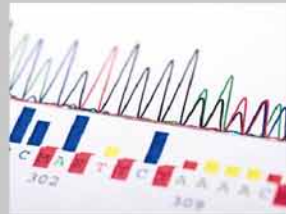
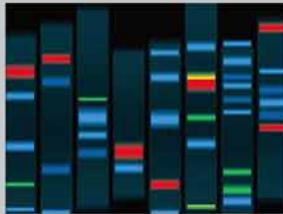
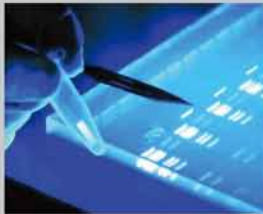
Versatile

- **taco**TM can be applied to purify DNA/RNA from various sample materials such as animal tissues, plant tissues, and human specimens (serum, plasma, buffy coat, whole blood, and respiratory swab).



Diversified

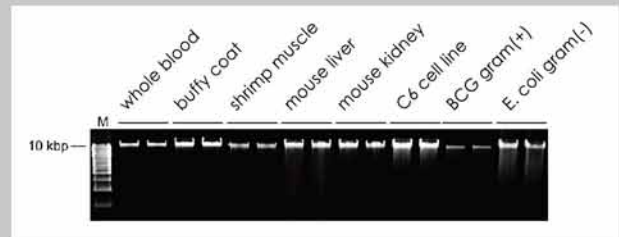
- Purified DNA/RNA can be used for a wide range of applications, such as molecular diagnostics, genetic identity testing, biomedical researches, and gene expression analysis.



Proven Quality from State-of-the-Art Technology

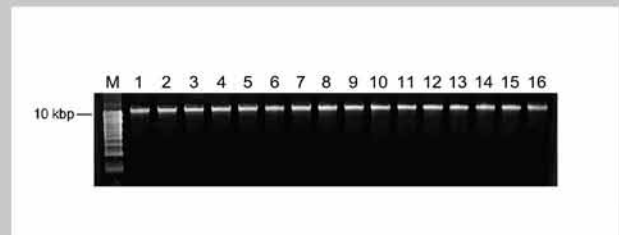
Intact

Fig1 The DNA extracted from different sample types. DNA remains intact after the **tacs**TM extraction procedure.



Consistent

Fig 2 Similar yield and quality were obtained for all wells tested using the same whole blood sample.



Yield from the **taco**TM Purification System

Sample Type	Sample Size	Yield	A 260/280
Whole Blood	200 μ l	> 30 ng/ μ l	1.6~2.0
Animal Tissue	50 mg	> 30 ng/ μ l	1.6~2.0
Mouse liver / kidney	50 mg	> 133 ng/ μ l	1.6~2.0
C6 cell line	1 x 10 ⁵	> 100 ng/ μ l	1.6~2.0
Gram positive bacteria	1 x 10 ⁹	> 10 ng/ μ l	1.6~2.0
Gram negative bacteria	1 x 10 ⁹	> 30 ng/ μ l	1.6~2.0

Safe and Simple by Human Factors Engineering



Compact

- Light weight and small footprint
- Bench top design, perfect for laminar hood

Simple

- One touch to start
- No programming
- LED status indication



Free of contamination

- Built-in UV lamp for decontamination
- Disposable plastics for single use
- Alcohol cleanable outer/inner surface



Safe

- Alarm for improper use
- Minimize contact with potentially infectious samples

Service and Technical Support



Not only do we provide quality products, we also provide excellent service by assisting our customers to manage challenging sample preparation issues.

Specifications

Instrument dimensions	42 x 30 x 38 cm (W x D x H)
Weight	approx. 23.4 kg (instrument)
Power supply	100~240 V, 50/60 Hz, AC
Throughput	1 to 32 reactions / run
Run time	approx. 50 minutes
Available kits	taco [™] DNA extraction kit taco [™] DNA/RNA extraction kit
Consumables	taco [™] Extraction plate and sleeve

1. Please visit our website at <http://www.tacomag.com>, or contact our local distributors for more information of **taco**[™] and its reagent kits.
2. The quality management system of GeneReach Biotechnology Corp. is in compliance with ISO 9001:2008 and ISO 13485:2003

GeneReach Biotechnology Corp.

No. 19, Keyuan 2nd Rd., Central Taiwan
Science Park, Taichung City 407, Taiwan
Tel:+886-4-24639869 Fax:+886-4-24638255
Email: sales@genereach.com