

MicroGEM's Barrier-Breaking Extraction Workflows

Say goodbye to columns and beads.

MicroGEM's single-tube enzymatic approach speeds up extractions, reduces contamination, significantly decreases manual steps, and minimizes loss of DNA and RNA from precious samples.

- > No detergents or chaotropic salts
- > No harsh chemicals or multiple steps
- > Just temperature-driven, enzymatic lysis and extraction

That's barrier-breaking nucleic acid extraction - in minutes, not hours.

prepGEM™ Universal



Ideal for blood, saliva, cell culture, and tissue (including mouse tails, ear punches, and insect).

Produces single-stranded DNA for PCR, qPCR, whole genome amplification, and amplicon sequencing and is perfect for screening CRISPR/Cas9 gene editing with NGS.

prepGEM™ Bacteria



Ideal for Gram-positive and Gram-negative, protozoa, archaea, colonies and liquid cultures, biofilm and mucosal samples, swabs and metagenomic DNA (including soil, stool, and water).

Produces single-stranded DNA for PCR, qPCR, whole genome amplification, amplicon sequencing, and 16S rRNA sequencing.

forensicGEM™ Universal



Ideal human ID solution for blood (liquid, swab, stains, storage card), saliva (liquid, swab, stains, storage card), and tissue (solid, dispersed, finger nail, hair).

Produces single-stranded DNA for STR, PCR, qPCR, and whole genome amplification.

forensicGEM™ Sperm



Ideal for sperm cells, semen, semen stains, and vaginal swabs.

Produces single-stranded DNA for STR, PCR, and qPCR, and is perfect for differential extractions and Y-screening.

RNAGEM™



Ideal for mammalian cell culture, laser capture micro-dissections and FACS-prepared cell populations.

Suitable for RT-PCR and qRT-PCR; can be added directly to downstream reagents for a simple protocol on 96 well plates.

RNAGEM™ V



Ideal for nasal-pharyngeal swabs in saline solution, nasal swabs, buccal swabs, and sputum/saliva. Research use only.

Suitable for PCR, RT-PCR, RT-qPCR, LAMP, RT-LAMP.

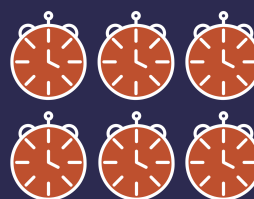
How we compare

Cost Comparison



MicroGEM's unique, single-tube extraction kits cost less than half of the average of our competitors.

Our single-tube approach not only reduces the opportunity for contamination and plastic waste, but it shortens extraction times significantly. While conventional extraction methods can take up to six hours, MicroGEM extraction kits produce DNA and RNA in only 20 minutes.

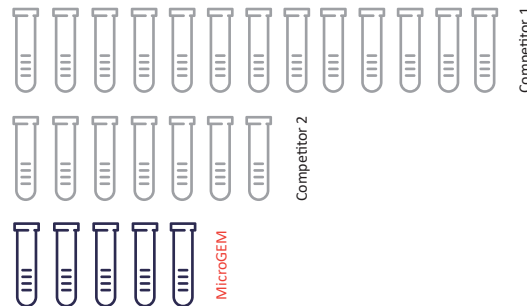


COMPETITOR



MICROGEM

Extraction Equipment and Reagent Needs



23:1*

*Average of 1-3 steps, depending on the kit.

MicroGEM's single-tube approach to extraction prevents contamination and plastic waste. Conventional extraction kits require 23 open tube steps, while MicroGEM kits require only one.



Shanghai XP Biomed Ltd.

上海逍鹏生物科技

电话: +86-21-58785545

邮箱: info@xpbiomed.com

网址: www.xpbiomed.com

地址: 上海市浦东新区祖冲之路1505弄80号1幢3楼



关注逍鹏生物公众号
了解更多最新资讯