

Efficient extraction kit for high-quality, high-quantity microbial DNA from gut microbiome samples

The novel, manual OMNIGENE™ XTRACT extraction kit is optimized with a proprietary lysis buffer to obtain DNA from gut microbiome samples for downstream applications such as PCR, qPCR and sequencing.

Recover large quantities of high-quality DNA for superior research results

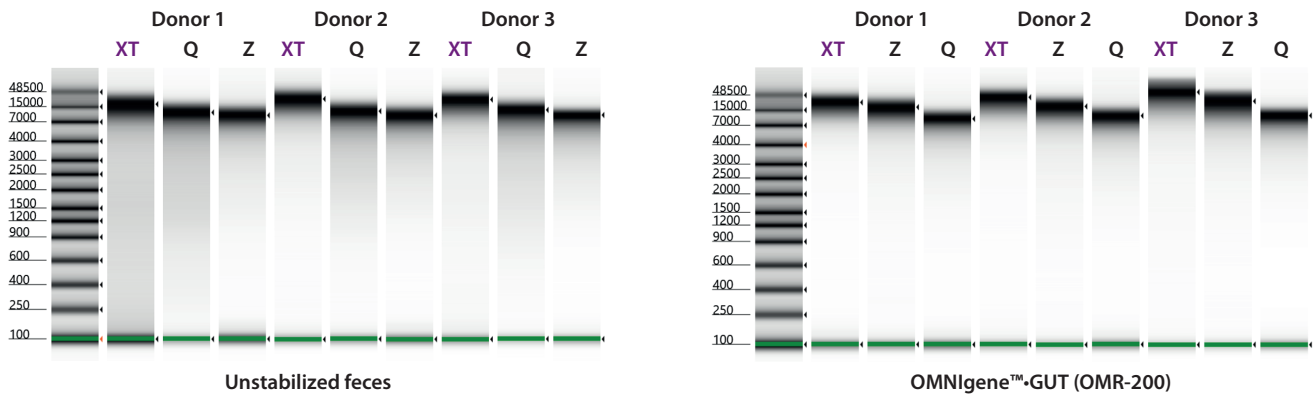
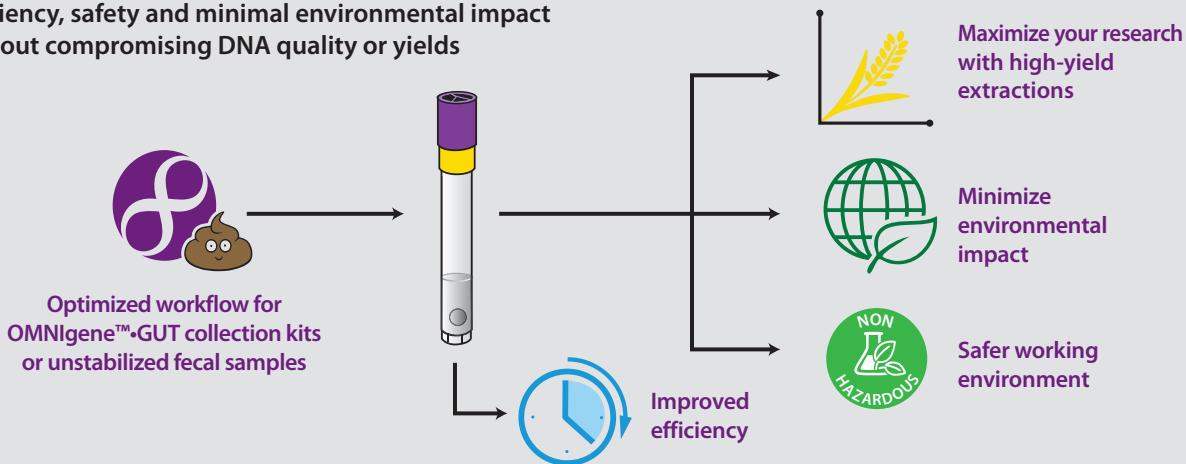


Figure 1. OMNIGENE™ XTRACT extraction kits yield high-quality DNA from fecal microbiome samples. Stool samples extracted with (XT) OMNIGENE™ XTRACT extraction kit, (Q) QIAamp PowerFecal Pro DNA Kit (QIAGEN, Cat. No. 51804) and (Z) ZymoBIOMICS™ DNA Miniprep Kit (Zymo Research, Cat. No. D4300) are shown.

Leverage an extraction workflow developed for improved efficiency, safety and minimal environmental impact without compromising DNA quality or yields



Reduce time extracting and maximize time on innovative research

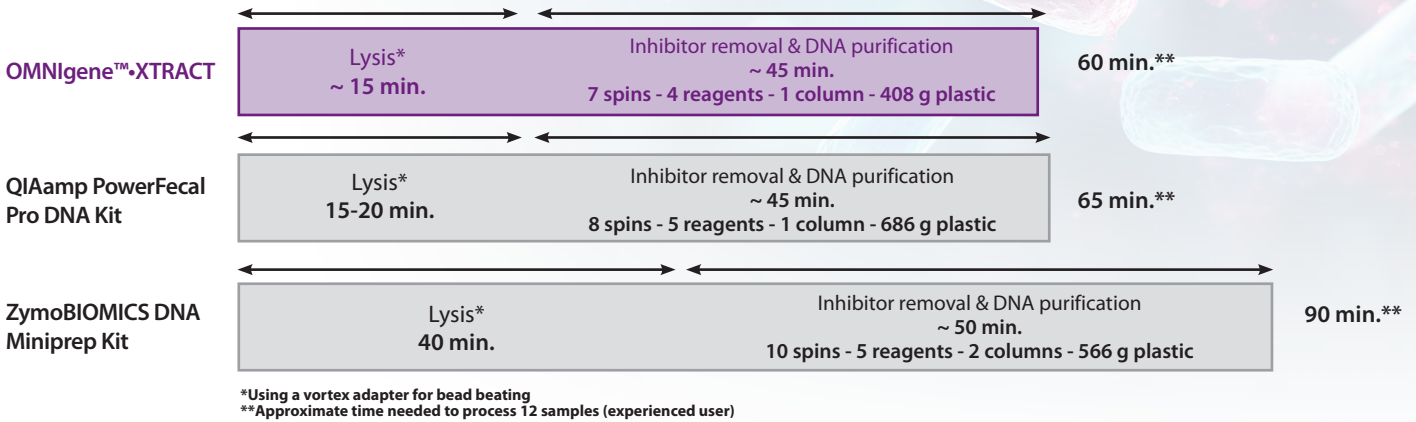
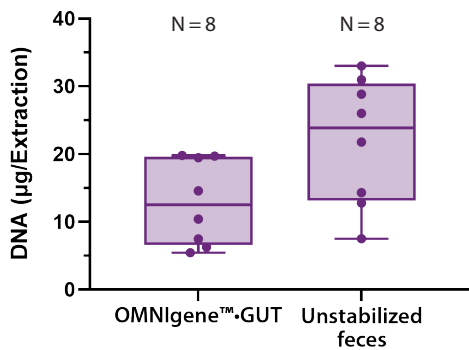


Figure 2. The OMNigene™-XTRACT kit workflow enables the rapid extraction of DNA from fecal microbiome samples with a reduced number of centrifugation steps and uses up to 40% less plastic compared to competitors.

OMNigene™-XTRACT kits yield high quantities of DNA from fecal samples



	OMNigene™-GUT	Unstabilized feces
Avg.	12.9 µg	21.9 µg
Min.	5.5 µg	7.5 µg
Max.	19.8 µg	33.0 µg

Figure 3. OMNigene™-XTRACT extraction kits support the recovery of high amounts of DNA from fecal microbiome samples.

Kit contents and attributes

Number of extractions per kit	50
High-quality microbial DNA	✓
Optimized recovery of microbial DNA	✓
Reduced hands-on time compared with competitors	✓
Suitable for samples collected in OMNigene™-GUT devices and unstabilized fecal samples	✓
Avoids the use of harsh chemicals	✓
Cost-effective workflow minimizes plastic and reagent consumption	✓
Efficient inhibitor removal from stool samples	✓



To request trial kits or learn more about OMNigene™-XTRACT kits, scan the QR code or visit www.dnagenotek.com/omnigenexTRACT.



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