



ISO 13485

11-C (Certification)



Gut Microbiome

Pure DNA. Trusted Results.



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A&A BIOTECHNOLOGY
innovating life science

Gut Microbiome Analysis

From Sample Collection to NGS-grade DNA

SAMPLE TYPES	TARGET REGIONS	EXTRACTION METHOD
human · animal samples	V3-V4 · ITS	manual · automated

Workflow

STEP 1	STEP 2	STEP 3	STEP 4
Sample Collection No cold chain needed	Microbial Cell Lysis Bacteria, yeast, fungi	gDNA Purification Manual or automated extraction	NGS Sequencing V3-V4 16S rRNA, ITS ready Compatibility with Illumina / Oxford Nanopore

Recommended Products

Step	Product	Cat. no	Key benefits
Collect and Stabilize	StoolSave™ DNA Protection kit	006-10 006-50 006-100	- no cold chain needed / RT storage - flexibility in when and where samples are collected - safe storage until analysis - stabilizes stool and environmental samples
Lyse cells	Microbiome lysis kit	604MK-50 604MK-100	complete lysis of both Gram-negative and Gram-positive bacteria, yeast and fungi
	Bacteria lysis kit	604BK-50 604BK-100	complete lysis of both Gram-negative and Gram-positive bacteria
	Yeast lysis kit	604YK-50 604YK-100	complete lysis of thick yeast cell walls
Extract DNA	Genomic Mini Universal <i>manual column-based purification</i>	116U-50 116U-250	- high-purity genomic DNA - suitable for multiple sample types
	MagnifiQ™ Genomic DNA <i>automated magnetic bead extraction</i>	604A-1V-32 604A-1V-160 604A-16U-64 604A-16V-64 604A-16U-256 604A-16V-256 604A-96V-960	- high-throughput workflow - compatible with Auto-Pure systems <i>Not sure? Ask us about your device.</i>
Clean and Protect	labZAP™	040-500	- laboratory surface decontamination - use before and after analysis - removes contaminating DNA while preserving microbiome workflow integrity

Applications

Human gut microbiome studies · Clinical research · Environmental microbiology · Veterinary microbiome analysis

 Produced in the EU – Gdańsk, Poland 



 www.aabiot.com
 orders@aabiot.com
 +48 600 776 268
 Strzelca 40
80-299 Gdańsk

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