PROQUINORTE

close to you | cerca de ti

ENVIRONMENTAL HEALTH CATALOG

2026

Index

Agricultural section

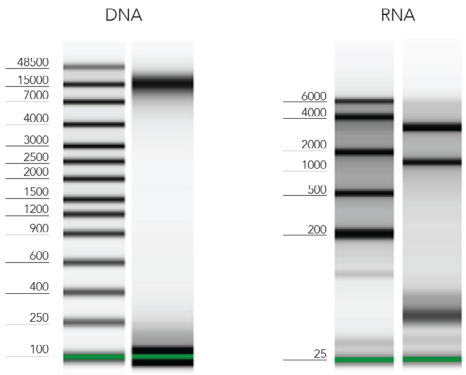
Metagenomics - Microbiome quality

ZymoBIOMICS® RNA & DNA/RNA (stool, soil, water, biofilms, swabs) allows efficient and unbiased lysis of microorganisms, including Gram-positive and Gram-negative bacteria, fungi, protozoa, and viruses, from any type of sample.

Microbial & Environmental DNA Isolation		
D4300	ZymoBIOMICS DNA Miniprep Kit (Lysis Tubes)	50 Preps
D4300T	ZymoBIOMICS DNA Miniprep Kit	5 Preps
D4304	ZymoBIOMICS DNA Miniprep Kit (No Lysis Matrix)	50 Preps
D4301	ZymoBIOMICS DNA Microprep Kit (Lysis Tubes)	50 Preps
D4305	ZymoBIOMICS DNA Microprep Kit (No Lysis Matrix)	50 Preps

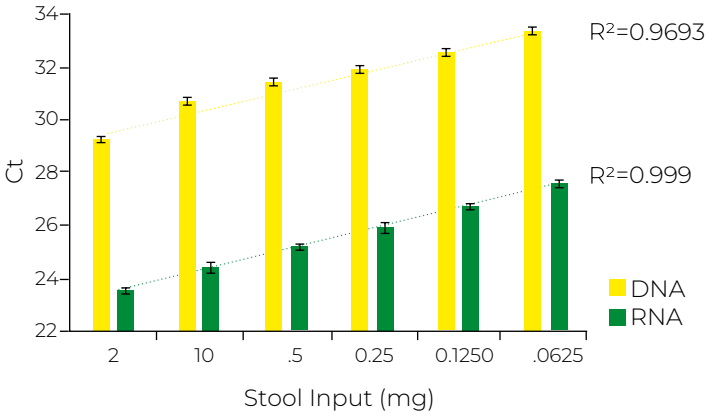
Microbial & Environmental RNA Isolation		
R2001	ZymoBIOMICS RNA Miniprep Kit	50 Preps

High-Quality DNA & RNA



Genomic DNA and total RNA were isolated from human stool with the ZymoBIOMICS® DNA/RNA Miniprep Kit and are highly intact. Quality was assessed using the Agilent 2200 TapeStation® system. Parallel purification of DNA and RNA can be extracted into separate fractions.

Automatable Extraction from Low Biomass Samples



Human stool DNA (yellow) and total RNA (green) are extracted from low biomass input using the ZymoBIOMICS® 96 MagBead DNA/RNA Kit.

The obtained DNA/RNA, including mini and micro RNAs, is ultra-pure, free of inhibitors, and suitable for qPCR applications and microbiome studies using next-generation sequencing (NGS). Furthermore, it offers high sensitivity, increasing the detection capacity of organisms present in very low abundance.

Microbial & Environmental DNA Isolation - Specific extraction

All of them include BashingBeads™, which ensure complete lysis even in the most difficult samples, thus improving detection.

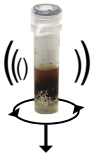
Fungal/Bacterial		
D6007	Quick-DNA Fungal/Bacterial Microprep Kit	50 preps
D6005	Quick-DNA Fungal/Bacterial Miniprep Kit	50 Preps
D6105	Quick-DNA Fungal/Bacterial Midiprep Kit	25 Preps
D6006	Quick-DNA Fungal/Bacterial 96 Kit	2 x 96 Preps

The Quick-DNA™ Fungal/Bacterial kits are designed for DNA extraction from fungi and bacteria. The obtained DNA is of high purity, suitable for applications such as qPCR, next-generation sequencing, or arrays. Furthermore, they offer an ultra-fast workflow, allowing the process to be completed in less than 20 minutes.

High Recovery

DNA isolated from Saccharomyces cerevisiae (spores) and E. coli using the Quick-DNA™ Fungal/Bacteria Kit was high-quality and structurally intact. Equivalent amounts of yeast and bacteria were processed using the Quick-DNA™ Fungal/Bacterial Kit or the Supplier A kit. Equal volumes of eluted DNA were analyzed on a 0.8% (w/v) agarose gel stained with EtBr.

Simple Workflow



Homogenize sample with ZR BashingBead™ Lysis Tube

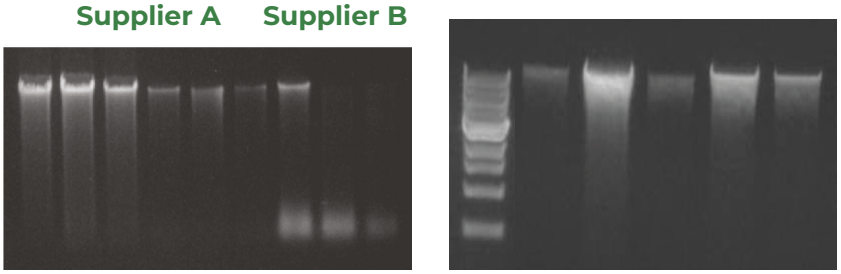
Filter Lysate with Zymo-Spin™ III-F

Bind, Wash, Elute DNA with Zymo-Spin™ IIC

PCR Ready Ultra-Pure DNA.

Fecal/Soil		
D6012	Quick-DNA Fecal/Soil Microbe Microprep	50 Preps
D6010	Quick-DNA Fecal/Soil Microbe DNA Miniprep Kit	50 Preps
D6110	Quick-DNA Fecal/Soil Microbe Midiprep	25 Preps
D6011	Quick-DNA Fecal/Soil Microbe 96 Kit	2 x 96 Preps

The Quick-DNA™ Fecal/Soil Microbe kits allow for the extraction of DNA from microorganisms present in feces and soils, among other complex samples. The DNA obtained is free of inhibitors and ready for qPCR, next-generation sequencing, or microarrays. The workflow is simple, based on lysis, column purification, and filtration to remove PCR inhibitors.



High-quality total DNA was isolated from different environmental sample sources using the Quick-DNA™ Fecal/Soil Microbe Kit and compared against other suppliers. (A) Equivalent amounts of feces were processed using each kit, then equal volumes of eluted DNA were analyzed on a 0.8% (w/v) agarose gel stained with EtBr. (B) Metagenomic DNA isolated from 5 soil samples. M: 1 kb marker (NEB); 1-5: soil samples (sand, sandy clay loam, hydrophobic sandy loam course, sandy loam, fine gravel).

Complete Homogenization

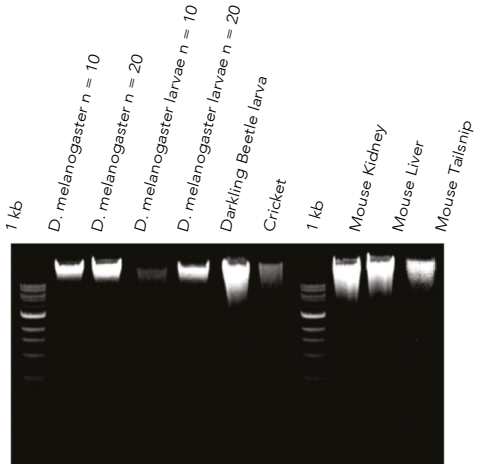
State-of-the-art BashingBeads™ are ideal for disrupting tough-to-lyse organisms when paired with bead mills or high speed cell disrupters.

Tissue/Insect

D6015	Quick-DNA Tissue/Insect Microprep Kit	50 Preps

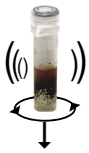
The Quick-DNA™ Tissue/Insect Kits offer a simple workflow: lyse, column purify, and filter to remove PCR inhibitors. The DNA obtained is ultra-pure and ready for qPCR, next-generation sequencing, microarrays, and other applications.

High Recovery



Yields of DNA isolated from various insect and mouse samples using the Quick-DNA™ Tissue/Insect Kit. Various amounts of sample were processed then equal volumes of eluted DNA were analyzed on a 0.8% (w/v) agarose gel stained with EtBr.

Simple Workflow



Homogenize sample with ZR BashingBead™ Lysis Tub

Filter Lysate with Zymo-Spin™ III-F

Bind, Wash, Elute DNA with Zymo-Spin™ IIC

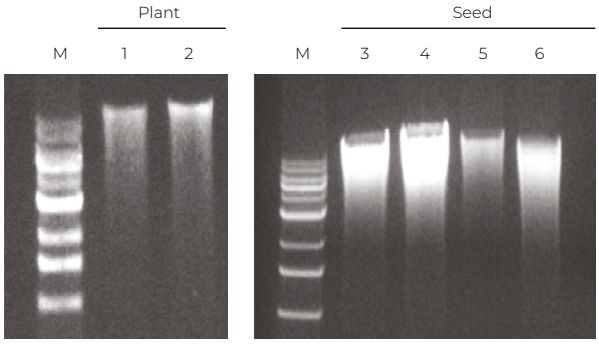
PCR Ready Ultra-Pure DNA.

Plant/Seed

D6020	Quick-DNA Plant/Seed Miniprep Kit	50 Preps

The Quick-DNA™ Plant/Seed kits allow for the extraction of DNA from stems, roots, leaves, fruits, and seeds. The DNA obtained is free of inhibitors, ready for applications such as qPCR, next-generation sequencing, or arrays. Additionally, they feature a simple workflow: lysis, column purification, and filtration to remove PCR inhibitors.

High Recovery



Comparison of DNA yields from various plant and seed samples using the Quick-DNA™ Plant/Seed Kit. Equivalent amounts of plant materials were processed with equal volumes of eluted DNA analyzed in a 0.8% (w/v) agarose gel stained with EtBr. Arabidopsis thaliana (1), juniper (2), corn kernel (3, 4), sunflower seed (5, 6).

Simple Workflow

Homogenize sample with ZR BashingBead™ Lysis Tub

Filter Lysate with Zymo-Spin™ III-F

Bind, Wash, Elute DNA with Zymo-Spin™ IICR

Polyphenolic Removal with Zymo-Spain™ IV-IR HRC

PCR Ready Ultra-Pure DNA.

Microbial & Environmental RNA Isolation - Specific extraction

Quick-RNA™ Environmental Kits (microorganisms, plants, feces, soil, insects) allow the extraction of intact, high-quality total RNA, including small and micro RNA, from any environmental sample. Thanks to the ultra-high density BashingBead™ homogenization technology, they ensure complete disruption and lysis of the samples. The RNA obtained is free of inhibitors and ready for all subsequent applications, such as sequencing, RT-PCR, or microarrays.

Specific extraction RNA Plant		
R2024	Quick-RNA Plant Miniprep Kit	50 preps

Specific extraction RNA Fungal/Bacterial		
R2010	Quick-RNA Fungal/Bacterial Microprep Kit	50 preps
R2014	Quick-RNA Fungal/Bacterial Miniprep Kit	50 preps

Specific extraction RNA Fecal/Soil		
R2040	Quick-RNA Fecal/Soil Microbe Microprep Kit	50 preps

Culturing media section

BIOSOLUTE® FOR MICROBIOLOGY

BIOSOLUTE®

Main advantages

- **Selected raw materials:** BIOSOLUTE® uses raw materials that meet the highest standards for the production of prepared media. This ensures especially reliable batch-to-batch consistency.
- **Production in clean room:** BIOSOLUTE® ready-to-use media are produced automatically in state-of-the-art clean room conditions.
- **Strict quality control:** Quality control follows ISO 11133 and/or the European Pharmacopoeia (Ph. Eur.), depending on the medium. Performance tests for solid culture media are carried out in an ISO 17025 certified laboratory (ENAC accreditation).
- **Certified quality:** Each stage of the production of culture media is carried out in facilities certified according to ISO 9001 and ISO 13485.

Different media formats

- **Ready-to-use culture media:** Contact plates (55 mm), membrane filtration plates (55 mm), prepared plates (90 mm), solid and liquid culture media, and solutions in bags, bottles, and tubes.
- **Dehydrated culture media:** Dehydrated microbiological media and components (in powder form) available in 500 g, 2 kg, 5 kg, and 10 kg formats, as well as supplements.

BIOSOLUTE® media are designed for hygiene control, isolation, enumeration, and detection of bacteria, yeasts, and fungi.

Water and food

Description	*Water Analysis*	*Food Analysis*
Baird Parker Agar (base)		•
Brain Heart Infusion Broth (BHI Broth)	•	•
Brilliant Green Bile Broth	•	•
Casein Peptone Lecithin Polysorbate Broth (base)		•
Cetrimide Agar Ph. Eur.	•	•
Columbia Agar Ph. Eur.		•
DEV Nutrient Agar	•	•
DG 18 Agar (Dichloran Glycerol Chloramphenicol Agar) (base)		•
DRBC Agar (Dichloran Rose Bengal Chloramphenicol Agar)		•
Fraser Broth (base)		•
Kanamycin Aesculin Azide Agar Base (KAA Agar)		•
Lactose Broth	•	•
Lactose Broth DEV	•	
Lauryl Sulphate Broth		•
Legionella BCYE Agar (base)	•	•
Listeria Selective Agar Base according to Ottaviani and Agosti (ALOA)		•
MacConkey Agar Ph. Eur.	•	•
MacConkey Broth Ph. Eur.		•
Malt Extract Agar		•
Malt Extract Broth		•
Mannitol Salt Agar (Chapman Agar)		•
Maximum Recovery Diluent		•
MRS Agar ISO		•
MRS Broth		•
MYP Agar (Mannitol Egg Yolk Polymyxin Agar) (base)		•
Nutrient Agar APHA	•	•
Orange Serum Agar		•
Oxford Listeria Agar (base)		•
PALCAM Listeria Agar (base)	•	•
Plate Count Agar (PCA)	•	•
Plate Count Skim Milk Agar (PCA)		•
Potato Dextrose Agar Ph. Eur.		•
Pseudomonas Agar (Base) ISO		•
R2A Agar Ph. Eur.	•	•
Rappaport Vassiliadis Broth		•

Description	Water Analysis	Food Analysis
Reinforced Clostridial Medium (RCM) Ph. Eur.		•
Sabouraud 2% Glucose Broth Ph. Eur.		•
Sabouraud 4% Dextrose Agar Ph. Eur.		•
Slanetz and Bartley Agar (base)	•	
Standard 1 Nutrient Agar		•
Standard 1 Nutrient Broth		•
Triple Sugar Iron Agar		•
Tryptic Soy Agar Ph. Eur.	•	•
Tryptic Soy Agar with Polysorbate 80 and Lecithin Ph. Eur.	•	•
Tryptic Soy Broth Ph. Eur.	•	•
TSC Agar (Tryptose Sulfite Cycloserine Agar)		•
VRB Agar (Violet Red Bile Lactose Agar)	•	•
VRBD Agar (Violet Red Bile Dextrose Agar) Ph. Eur.	•	•
Wort Agar		•
Wort Broth		•
XLD Agar (Xylose Lysine Deoxycholate Agar) ISO		•
YGC Agar (Yeast Extract Glucose Chloramphenicol Agar)		•

Biomolecular

Molecular biology
LB Agar acc. according to Lennox
LB Agar acc. according to Miller
LB Broth acc. according to Lennox
LB Broth acc. to Miller
Terrific Broth
YPD Broth
2xYT Agar
2xYT Broth

Contact us

www.proquinorte.com

Bizkaia Technology Park, Laida Bidea,
Bldg. 208
48170 Zamudio +34 900 900 942