



## Choose the best in environmental nucleic acid isolation

Isolating nucleic acids from environmental samples can be a challenging part of microbiome research. QIAGEN® offers products for DNA and RNA isolation from soil, water, air, biofilm, plants and seeds. Optimized bead beating technology found in our kits ensures unbiased lysis of the toughest microbes. We include Inhibitor Removal Technology® in our kits, eliminating humic acids, polyphenolics, polysaccharides, heavy metals and other impurities. This leaves you with the purest possible nucleic acids for downstream applications. To suit your processing needs, we offer kit throughputs from manual to 96-well for a variety of automation platforms.

### Soil\*

Kit	Starting amount	Special recommendations	Automated on	High throughput	Cat. no.
<b>DNA</b>					
<b>DNeasy® PowerSoil® Pro</b>	250 mg		QIAcube Connect (optional)		47014 47016
<b>DNeasy 96 PowerSoil Pro QIAcube HT**</b>	250 mg		QIAcube HT	✓	47021
<b>DNeasy 96 PowerSoil Pro</b>	250 mg			✓	47017
<b>DNeasy PowerMax® Soil</b>	Up to 10 g	Low biomass soil			12988-10
<b>MagAttract® PowerSoil DNA</b>	250 mg		King Fisher™ epMotion®	✓	27000-4-KF 27100-4-EP
<b>RNA</b>					
<b>RNeasy® PowerSoil Total RNA</b>	2 g				12866-25

\* For all soil types including rhizosphere, compost, clay, top soil, etc.

\*\*Bead Plates/tubes must be purchased separately for QIAcube HT Kits: Cat No. 19301 PowerBead Pro Tubes (2 ml) (50) or Cat No. 19311 PowerBead Pro Plates (4)

## Water & Air

Kit	Starting sample	Special recommendations	Automated on	High throughput	Cat. no.
<b>DNA</b>					
<b>DNeasy PowerWater®</b>	Water or Air Filter		QIAcube Connect (optional)		14900-50-NF
					14900-100-NF
<b>DNeasy PowerWater Sterivex™</b>	Sterivex Filter Unit	Sterivex Filter Units			14600-50-NF
<b>RNA</b>					
<b>RNeasy PowerWater</b>	Water or Air Filter				14700-50-NF
<b>DNA &amp; RNA</b>					
<b>AllPrep® PowerViral® DNA/RNA</b>	200 µl waste water	Viral nucleic acid isolation from waste water	QIAcube Connect (optional)		28000-50

## Biofilm

Kit	Starting sample	Automated on	High throughput	Cat. no.
<b>DNA</b>				
<b>DNeasy PowerBiofilm®</b>	50–200 mg	QIAcube Connect (optional)		24000-50
<b>RNA</b>				
<b>RNeasy PowerBiofilm</b>	50–200 mg	QIAcube Connect (optional)		25000-50

## Plants & Seeds

Kit	Starting sample	Automated on	High throughput	Cat. no.
<b>DNA</b>				
<b>DNeasy Plant Pro</b>	Up to 100 mg	QIAcube Connect (optional)		69204
<b>DNeasy 96 Plant</b>	10–50 mg		✓	69181
<b>RNA</b>				
<b>RNeasy PowerPlant</b>	10–50 mg			13500-50

Visit [qiagen.com](http://qiagen.com) or contact QIAGEN today to get more out of your environmental samples!

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