

Environmental DNA Purification

Product Chart

Specifications	Quick-DNA™ Fecal/Soil Microbe 96 Kit	Quick-DNA™ Fecal/Soil Microbe Midprep Kit	Quick-DNA™ Fungal/Bacterial 96 Kit	Quick-DNA™ Fungal/Bacterial Midprep Kit	Quick-DNA™ Fungal/Bacterial 96 Kit	Quick-DNA™ Fungal/Bacterial Midprep Kit
ZR BashingBead™ Lysis	•	•	•	•	•	•
Format	Spin-Column	Spin-Column	96-Well	Spin-Column	Spin-Column	96-Well
Binding Capacity	5 µg	25 µg	5 µg	5 µg	25 µg	5 µg
Elution Volume	≥ 10 µl	≥ 25 µl	≥ 150 µl	≥ 10 µl	≥ 25 µl	≥ 50 µl
Removal of Humic, Fulvic, and Polyphenolic Substances	•	•	•	•	•	•
Processing Time	15 min.	15 min.	25 min.	10 min.	10 min.	40 min.
Applications						
Environmental Sources						
Soil	•	•	•	•	•	•
Sediment	•	•	•	•	•	•
Sludge	•	•	•	•	•	•
Feces	•	•	•	•	•	•
Microorganisms						
Bacteria	•	•	•	•	•	•
Fungi	•	•	•	•	•	•
Algae	•	•	•	•	•	•
Protists	•	•	•	•	•	•
Tough-to-Lyse Tissues						
Soft Tissues	some	some	some	some	some	some
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Product Chart

Specifications		Quick-DNA™ Plant/Seed DNA Microprep Kit						Quick-DNA™ Tissue & Insect DNA Microprep Kit								
		Spin-Column	Spin-Column	96-Well	Spin-Column	Spin-Column	Spin-Column	Spin-Column	96-Well	Spin-Column	Spin-Column	96-Well	Spin-Column	Spin-Column	96-Well	
ZR BashingBead™ Lysis		•	•	•	•	•	•	•	•	•	•	•	•	•	•	
Format		Spin-Column	Spin-Column	96-Well	Spin-Column	Spin-Column	Spin-Column	Spin-Column	96-Well	Spin-Column	Spin-Column	96-Well	Spin-Column	Spin-Column	96-Well	
Binding Capacity		5 µg	25 µg	5 µg	5 µg	5 µg	25 µg	5 µg	5 µg	25 µg	5 µg	125 µg	5 µg	5 µg	5 µg	
Elution Volume		≥ 10 µl	≥ 25 µl	≥ 25 µl	≥ 25 µl	≥ 10 µl	≥ 25 µl	≥ 25 µl	≥ 25 µl	≥ 25 µl	≥ 150 µl	≥ 50 µl	≥ 50 µl	≥ 50 µl	≥ 50 µl	
Removal of Humic, Fulvic, and Polyphenolic Substances		•	•	•	•	•	•	•	•	•	•	•	•	•	•	
Processing Time		15 min.	15 min.	50 min.	10 min.	10 min.	10 min.	10 min.	50 min.	10 min.	20 min.	20 min.	40 min.	20 min.	40 min.	
Applications																
Tough-to-Lyse Tissues																
Soft Tissues						•							•			•
Solid Tissues (Food)						•							•			•
Tough-to-Lyse Tissues						•							•			•
Tough-to-Lyse Organisms						•							•			•
Insects/Arthropods						•							•			•
Plant Material		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Seeds		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Fruit		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
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