

ExtractNow™



- Kits for nucleic acid extraction from a broad range of starting materials
- Spin filter column based purification method with high binding capacity and cutting-edge chemistry
- High yield and high extract purity
- Temperature-stable components
- Minimal hands-on time

ExtractNow™ DNA Mini Kit



Features

Type of Sample	<ul style="list-style-type: none"> • Tissue samples of up to 50 mg • Rodent tail specimens 0.5 – 1 cm in length • Paraffin samples (tissue) • Eucaryotic cells (max. 5×10^6) • Buccal swabs
Separation principle	Spin filter columns
Description	<p>Universally applicable DNA extraction method for a broad range of starting materials.</p> <p>Using a cutting-edge chemistry, the duration of the DNA purification is reduced to a minimum.</p>
Recommended Use	The ExtractNow™ DNA Mini kit is for research use only. Not recommended for clinical applications.

Features

Package Sizes	Cat.-No. 601-1010	10 extractions
	Cat.-No. 601-1050	50 extractions
Shelf Life and Storage	<ul style="list-style-type: none"> • Components are maintainable at room temperature for at least 6 months. • Store the lyophilized Proteinase K at +2 to +8 °C 	

ExtractNow™ Blood DNA Mini Kit



Features

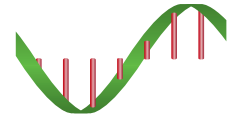
Type of Sample	<ul style="list-style-type: none"> • Whole blood samples (up to 400 µl) • Fresh or frozen blood • Stabilizers: EDTA or citrate
Separation principle	Spin filter columns
Description	<p>Direct and rapid isolation of genomic DNA from whole blood up to 400 µl.</p> <p>High yields of up to 30 µg and extremely high-quality gDNA, depending on the sample and the amount used. There are two protocols available: < 200 µl and up to 400 µl blood samples</p> <p>Tested for EDTA and citrate stabilized and for fresh or frozen blood sample (including long time storage)</p>
Recommended Use	The ExtractNow™ Blood DNA Mini kit is for research use only. Not recommended for clinical applications.

Features

Package Sizes	Cat.-No. 602-1010	10 extractions
	Cat.-No. 602-1050	50 extractions
Shelf Life and Storage	<ul style="list-style-type: none"> • Components are maintainable at room temperature for at least 6 months. • Store the lyophilized Proteinase K at +2 to +8 °C 	
Specifications	<ul style="list-style-type: none"> • Time for Extraction Approx. 24 minutes, including lysis • Binding capacity: > 50 µg gDNA • Average yield: Up to 30 µg gDNA (depends on the type and quantity of the sample material) • Average purity: 1.7 – 2.0 	

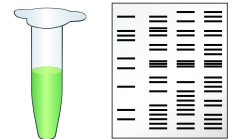


ExtractNow™ RNA Mini Kit



Features		Features	
Type of Sample	<ul style="list-style-type: none"> Eucaryotic cells (max. 5×10^6) Tissue samples (max. 20 mg) Gram+ and gram- bacteria (max. 1×10^9) Biopsies 	Package Sizes	Cat.-No. 603-1010 10 extractions Cat.-No. 603-1050 50 extractions
Separation principle	Spin filter columns	Shelf Life and Storage	<ul style="list-style-type: none"> Components are maintainable at room temperature for at least 6 months. Store the lyophilized Proteinase K at +2 to +8 °C
Description	Purification of total RNA from eukaryotic and microbial materials. Prefiltration to selectively remove genomic DNA with no DNase digestion.		<ul style="list-style-type: none"> Time for Extraction: Approx. 15 – 40 minutes Binding capacity: approx. 100 µg RNA Average yield: Depends on the type and quantity of the starting material
Recommended Use	The ExtractNow™ RNA Mini Kit is for research use only. Not recommended for clinical applications.		<ul style="list-style-type: none"> Up to 100 µg RNA Average purity: 1.8 – 2.1

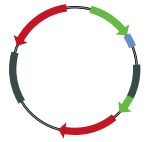
ExtractNow™ CleanUp Kit



Features		Features	
Type of Sample	<ul style="list-style-type: none"> PCR reaction mixes (up to 50 µl) TAE agarose gels (up to 300 mg) TBE agarose gels (up to 300 mg) 	Package Sizes	Cat.-No. 604-1010 10 extractions Cat.-No. 604-1050 50 extractions
Separation principle	Spin filter columns	Shelf Life and Storage	Components are maintainable at room temperature for at least 6 months.
Description	Combination kit for fast extraction of DNA fragments from agarose gels or amplification products from PCR reaction mixtures. Flexible elution volumes between 30 and 50 µl and 10 to 20 µl. High recovery rates of up to 95 %. Capable of processing fragment lengths of up to 30 kb.	Specifications	<ul style="list-style-type: none"> Time for Extraction: <ul style="list-style-type: none"> PCR purification: approx. 3 minutes (2-step process) Gel extraction: approx. 20 minutes Binding capacity: > 20 µg DNA Fragment lengths: <ul style="list-style-type: none"> PCR purification: > 60 bp – 30 kb Gel extraction: 100 bp – 30 kb Average rate of recovery depending on fragment length: <ul style="list-style-type: none"> PCR purification: approx. 60 % to 95 % Gel extraction: approx. 60 % to 90 %
Recommended Use	The ExtractNow™ Cleanup Kit is for research use only. Not recommended for clinical applications.		



ExtractNow™ Plasmid Mini Kit



Features		Features	
Type of Sample	<ul style="list-style-type: none"> Bacterial suspensions Isolation of high-copy plasmids: 0.5 – 5 ml Isolation of low-copy plasmid DNA, P1 constructions, etc.: > 5 - 10 ml 	Package Sizes	Cat.-No. 605-1010 10 extractions Cat.-No. 605-1050 50 extractions
Separation principle	Spin filter columns	Shelf Life and Storage	Components are maintainable at room temperature for at least 6 months.
Description	Easy and quick plasmid isolation from bacterial lysis.	Specifications	<ul style="list-style-type: none"> Time of Extraction: Approx. 16 minutes Binding capacity: Column binding capacity: approx. 40 µg pDNA Average yield: Typical yield from 2 ml starting material (high-copy plasmid): 6 - 20 µg Average purity: 1.8 - 2.0
Recommended Use	The ExtractNow™ Plasmid Mini Kit is for research use only. Not recommended for clinical applications.		

ExtractNow™ Virus DNA/RNA Kit



Features		Features	
Type of Sample	<ul style="list-style-type: none"> Serum, plasma, cell-free bodily fluids, supernatants from cell cultures (400 µl each) Tissues and biopsies of up to 20 mg Swab samples 	Package Sizes	Cat.-No. 606-1010 10 extractions Cat.-No. 606-1050 50 extractions
Separation principle	Spin filter columns	Shelf Life and Storage	<ul style="list-style-type: none"> Components are maintainable at room temperature for at least 6 months. Store the lyophilized Proteinase K at +2 to +8 °C
Description	Simultaneous isolation of viral DNA and RNA from a variety of starting materials. Extraction method based on the use of Spin Filters. Optimum removal of inhibitors ensures trouble-free use of nucleic acids in subsequent applications. Recommended for samples with unknown viruses. Includes Carrier Mix with internal DNA and RNA extraction control.	Specifications	<ul style="list-style-type: none"> Time of Extraction Approx: 25 minutes Quality: Positive PCR and TaqMan® real-time PCR testing results
Recommended Use	ExtractNow™ Virus DNA/RNA Kit is for research use only. Not recommended for clinical applications.		