

# 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

<b>Type of Sample</b>	<ul style="list-style-type: none"> <li>• Tissue samples of up to 50 mg</li> <li>• Rodent tail specimens 0.5 – 1 cm in length</li> <li>• Paraffin samples (tissue)</li> <li>• Eucaryotic cells (max. <math>5 \times 10^6</math>)</li> <li>• Buccal swabs</li> </ul>
<b>Separation principle</b>	Spin filter columns
<b>Description</b>	<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>
<b>Recommended Use</b>	The ExtractNow™ DNA Mini kit is for research use only. Not recommended for clinical applications.

## Features

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

# ExtractNow™ Blood DNA Mini Kit



## Features

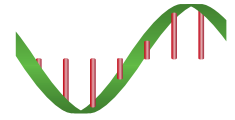
<b>Type of Sample</b>	<ul style="list-style-type: none"> <li>• Whole blood samples (up to 400 µl)</li> <li>• Fresh or frozen blood</li> <li>• Stabilizers: EDTA or citrate</li> </ul>
<b>Separation principle</b>	Spin filter columns
<b>Description</b>	<p>Direct and rapid isolation of genomic DNA from whole 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: &lt; 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>
<b>Recommended Use</b>	The ExtractNow™ Blood DNA Mini kit is for research use only. Not recommended for clinical applications.

## Features

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

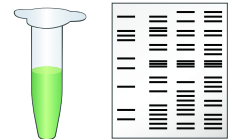


# ExtractNow™ RNA Mini Kit



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

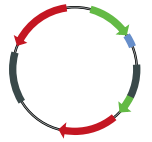
# ExtractNow™ CleanUp Kit



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



# ExtractNow™ Plasmid Mini Kit



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

# ExtractNow™ Virus DNA/RNA Kit



Features		Features	
<b>Type of Sample</b>	<ul style="list-style-type: none"> <li>Serum, plasma, cell-free bodily fluids, supernatants from cell cultures (400 µl each)</li> <li>Tissues and biopsies of up to 20 mg</li> <li>Swab samples</li> </ul>	<b>Package Sizes</b>	Cat.-No. 606-1010 10 extractions Cat.-No. 606-1050 50 extractions
<b>Separation principle</b>	Spin filter columns	<b>Shelf Life and Storage</b>	<ul style="list-style-type: none"> <li>Components are maintainable at room temperature for at least 6 months.</li> <li>Store the lyophilized Proteinase K at +2 to +8 °C</li> </ul>
<b>Description</b>	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.	<b>Specifications</b>	<ul style="list-style-type: none"> <li>Time of Extraction Approx: 25 minutes</li> <li>Quality: Positive PCR and TaqMan® real-time PCR testing results</li> </ul>
<b>Recommended Use</b>	ExtractNow™ Virus DNA/RNA Kit is for research use only. Not recommended for clinical applications.		