

Specification

DNA Isolation Spin-Kit Agarose

A5193

Product Code:	A5193
Product Name:	DNA Isolation Spin-Kit Agarose
Short Description:	Usage: for 50 isolations
Specifications:	<p>: Kit for the DNA isolation from agarose gels with spin minicolumns</p> <p>: • Application of the DNA in cloning and sequencing</p> <p>: • performance of the electrophoresis in either TAE or TBE buffer</p> <p>: • Binding capacity of the columns 10 µg</p> <p>: • Isolation of DNA fragments in the range of 100 to 6000 bp</p>
WGK:	1
Storage:	RT
CS:	38220000
Comment	<p>The DNA Isolation Spin-Kit is based on the ability of DNA to adsorb to silica surfaces in the presence of high concentrations of chaotropic salts. The agarose gel slice containing the DNA of interest is dissolved in Agarose Melting Solution AC containing chaotropic salts. In the next step, the isopropanol is added and the whole sample is loaded onto a minicolumn with a suitable silica resin. The DNA binds to the silica resin, while impurities freely pass through the column. Residual impurities are washed off. Pure DNA is eluted with a low salt buffer or water. The DNA can be used in cloning or sequencing experiments without further purification.</p>

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