

Product Datasheet

Plasmid DNA Purification Kit

NBP1-41119-10Preps

Unit Size: 10 Preps

Store at 4C. Do not freeze.

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NBP1-41119-10Preps

Plasmid DNA Purification Kit

Product Information	
Unit Size	10 Preps
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Store at 4C. Do not freeze.
Buffer	Plasmid Kit MidiPrep II (10 Preps) or Plasmid Kit MidiPrep II (25 Preps)
Product Description	
Species	Non-species specific
Reactivity Notes	This product will work on Plasmid DNA purification.
Specificity/Sensitivity	<p>The yield of plasmid DNA depends on the origin of the replication and the size of the plasmid. The protocols are optimized for high copy number plasmid purification. For low copy number plasmids, both the culture volume and the buffer volume need to be scaled up 2 times.</p> <p>This kit provides an easy and reliable method to purify plasmid DNA from 50-100 mL bacterial cultures in less than 60 minutes. The DNA is ready for downstream applications such as transfection, RFLP, DNA amplification, and automated sequencing. Kit II: 200-400 ug of high copy number plasmid DNA can be isolated from 100 mL culture.</p>
Notes	The available sizes for this product are Plasmid Kit MidiPrep II (10 Preps) or Plasmid Kit MidiPrep II (25 Preps)
Product Application Details	
Applications	Functional
Recommended Dilutions	Functional
Application Notes	MidiPrep Kit II: 200-400 ug high copy number plasmid DNA can be isolated from 100 mL culture. Key to the kit is our proprietary DNA binding systems that allow the high efficient binding of DNA to our ezBind matrix while proteins and other impurities are removed by Wash Buffer. Nucleic acids are easily eluted with sterile water or Elution Buffer. Unlike other kits in the markets, our patented plasmid purification kit has no chaotropic salts in the buffer, the purified DNA is guanidine/anion exchange resin residues free which enable the high performance of downstream applications such as transfection, restriction mapping, library screening, sequencing, as well as gene therapy and genetic vaccinations.



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Kits are guaranteed for 6 months from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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