PuroMAG™ Genomic DNA Purification Plus Kit

The **PuroMAG™ Genomic DNA Purification Plus Kit** is designed to purify genomic DNA from different biological samples such as bacteria, yeast, mammalian cells, blood, and animal tissue. Our kit includes highly efficient RNase and optimized buffer formulations to ensure efficient removal of RNA from genomic DA samples. The purified genomic DNA is high-quality and has minimal residual RNA. This kit utilizes paramagnetic silica-bead technology, enabling high yields and robust performance.

In comparison to our standard PuroMAG™ Genomic DNA Purification Kit, the Plus kit adds an additional filtration step that removes the insoluble and non-digested fraction from the lysate before binding it onto the silica groups on the magnetic beads. This prevents contaminating materials from binding to and blocking parts of the silica groups, leading to an increased genomic DNA yield and higher purity of the final product. This is particularly benficial when workign with large samples that contain a lot of starting material that needs to be digested.

Features:

- Easily purify genomic DNA from various biological samples
- Flexible magnetic bead-based protocols (low sample manual purification or high through-put automatic purification) and centrifugation is not required
- Specialized and detailed protocols for different sample types
- Lysate filtration step to remove any undigested particulates for higher yield and purity of genomic DNA products
- High-quality extracted genomic DNA can be used for a range of downstream applications such as genomic sequencing, PCR, real-time qPCR, or Southern blotting

Features	Specifications
Starting material	Bacteria, yeast, mammalian cultured cells, animal tissue, and whole mammalian blood
Starting amount	Varies by sample type, see product manual
Binding capacity	Up to 200 µg
Elution volume	≥ 30 µL
DNA binding technology	Silica-coated magnetic beads
Downstream applications	Genomic sequencing, PCR, real-time qPCR, Southern Blotting, etc.

Product Description	Preps	Catalog No.
PuroMAG™ Genomic DNA Purification Plus Kit	5	NKM261-5
	96	NKM261-96
	384	NKM261-384

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