

## Product Datasheet

# Vazyme - VAMNE Magnetic Stool/Soil DNA Extraction Kit (DMA5101-01)

<b>Catalog Number</b>	DMA5101-01
<b>Category</b>	Tools
<b>Description</b>	<p>VAMNE Magnetic Stool/Soil DNA Extraction Kit is applicable for DNA extraction from soil, feces, intestinal contents, fermentation products, water filter membranes and various other samples. The kit uses a combination of chemical methods and mechanical methods, which can efficiently lyse bacteria and fungi with thicker cell walls, and combines special humic acid removal technology to effectively remove humic acid and other inhibitory factors from the sample. The high-affinity magnetic beads used in this kit can adsorb nucleic acids through hydrogen bonds and electrostatic interactions in high-salt buffer solutions. After rinse to remove excess humic acid, proteins, salts and other impurities, the magnetic beads release nucleic acids under the action of low-salt elution solution, thus achieving the purpose of rapid separation and purification of nucleic acids. This kit can quickly extract high-yield, high-purity DNA, and the purified DNA can be directly used for PCR, qPCR, next-generation sequencing, and other experiments.</p>
<b>Usage Notes</b>	Restricted to UK and Ireland's customers ONLY
<b>Storage</b>	BOX 1: RNase A, PI Buffer. Store at 2 ~ 8 ° C and ship on ice. BOX 2: Other Components. Store at 15 ~ 25 ° C and ship at room temperature.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.

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