

Stool DNA Extraction Kit

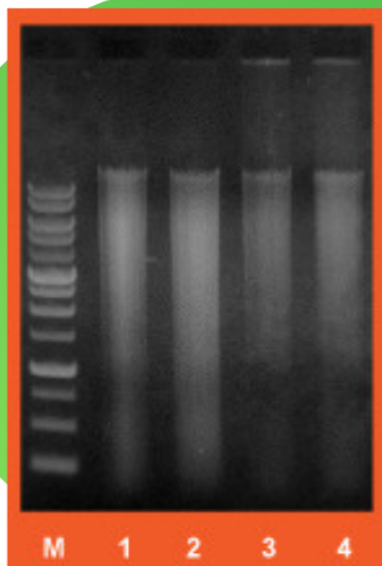
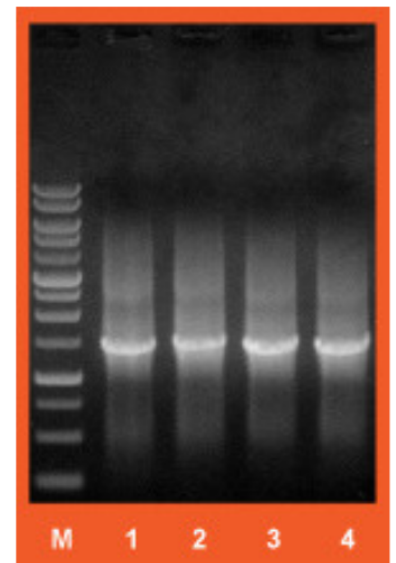
(STLD050, STLD100)

The Presto™ Stool gDNA Extraction Kit is designed for rapid isolation of genomic DNA from microorganisms, such as bacteria and fungi in stool samples.



5 µl of undiluted, purified DNA from human and rabbit stool, served as a template for amplification of a 1.5 kb fragment from the bacterial 16S rRNA gene. The extracted DNA works undiluted in a PCR reaction, indicating the successful removal of PCR inhibitors.

M = Geneaid 1 Kb DNA Ladder
 Lanes 1-2 = Human stool samples
 Lanes 3-4 = Rabbit stool samples



Total DNA was purified from 150 mg of human stool samples which were frozen at -20°C for 1 week and from 80 mg of rabbit stool samples which were stored at room temperature for 1 week using the Presto™ Stool DNA Extraction Kit. 5 µl aliquots of purified DNA from 100 µl eluates were analyzed on a 0.8% agarose gel.

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 Lanes 1-2 = Human stool samples
 Lanes 3-4 = Rabbit stool samples

Sample	ng/µl	Yield	260/280	260/230
1	127.1	12.7 µg	1.86	2.12
2	129.9	13.0 µg	1.87	2.22
3	77.6	7.7 µg	1.85	2.15
4	82.6	8.3 µg	1.85	2.15

