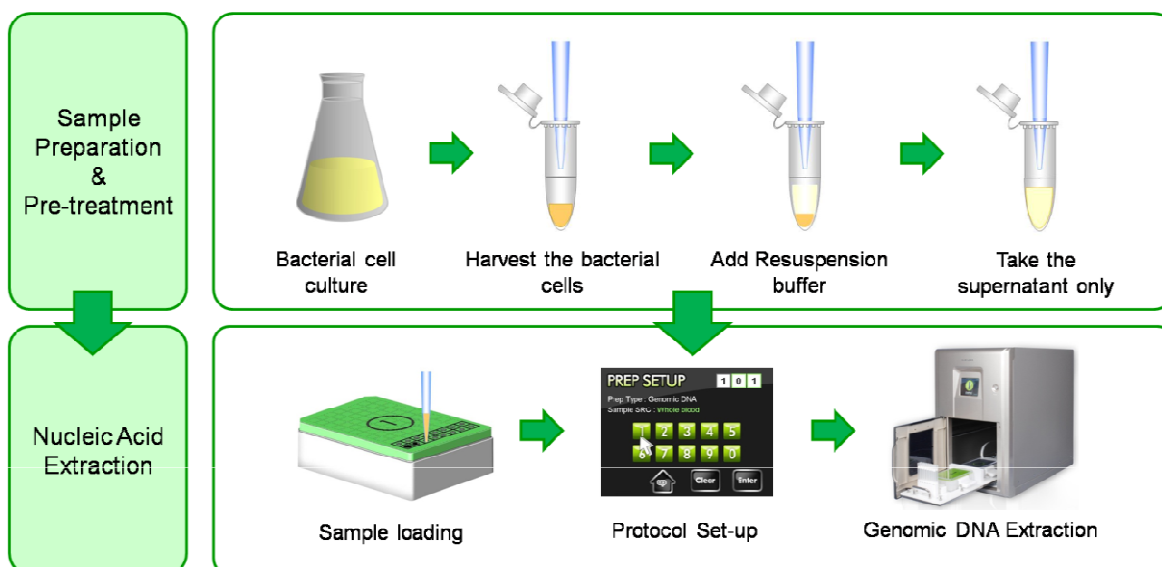


1. Materials

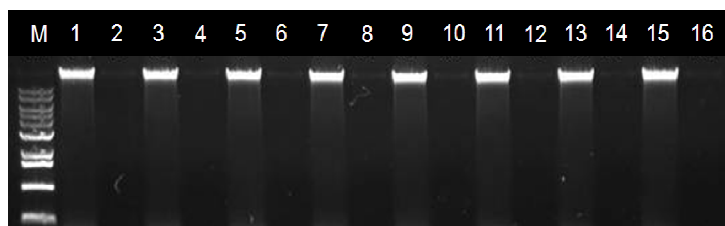
Kit	ExiPrep™ Bacteria Genomic DNA Kit
Instrument type	ExiPrep™16 Plus
Sample type	<i>E. coli</i> (1X10 ⁹ cells)
Sample amount	1X10 ⁹ cells
Protocol ID number	108
Elution volume	50 µℓ

2. Experimental Procedure



3. Experimental Results

- Agarose gel electrophoresis



Agarose gel electrophoresis results of 100ng genomic DNA extracted from cultured *E. coli* cells. Lane M : size marker, Lane 1, 3, 5, 7, 9, 11, 13, 15 : Extracted samples from cultured *E. coli* cells, Lane 2, 4, 6, 8, 10, 12, 14, 16 : Extracted samples from D.W. only. Average yield is up to 10ug and purity(A260/A280) is over 1.8.