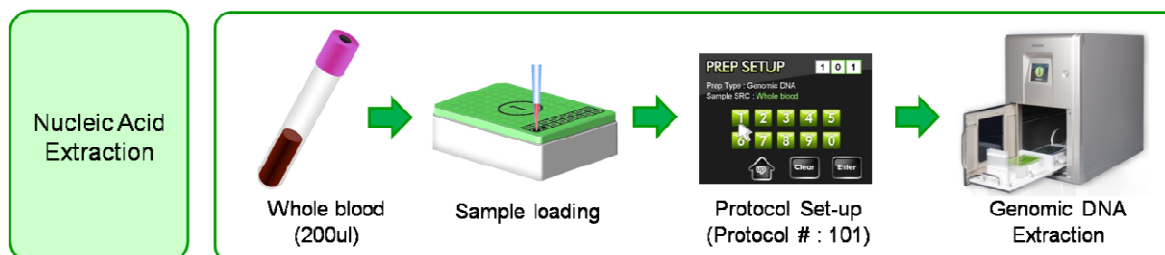


1. Materials

Kit	ExiPrep™ Blood Genomic DNA Kit
Instrument type	ExiPrep™16 Plus
Sample type	Whole blood (human)
Sample amount	200ul
Protocol ID number	101
Elution volume	100µl

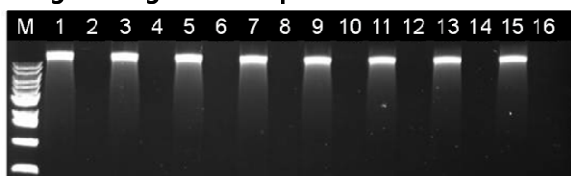
2. Experimental Procedure



3. Experimental Results

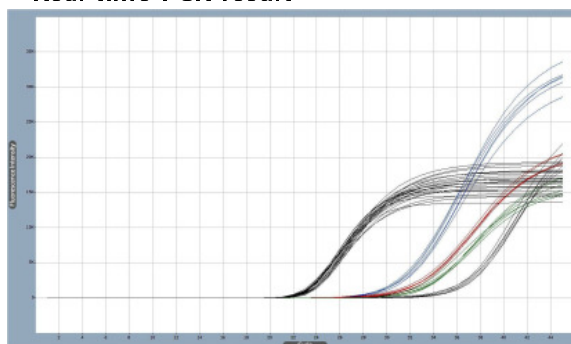
Sample volume	200µl
Elution volume	100µl
Expected yield	3-5µg
Expected purity	A260/A280 > 1.8, A260/A230 > 1.4

- Agarose gel electrophoresis



Agarose gel electrophoresis results of 100ng genomic DNA extracted from 200ul whole blood samples. Lane M : size marker, Lane 1, 3, 5, 7, 9, 11, 13, 15 : Extracted samples from whole blood, Lane 2, 4, 6, 8, 10, 12, 14, 16 : Extracted samples from D.W. only.

- Real time PCR result



Real-time PCR results using five primer/probe sets of targets related to Alzheimer's Disease and run on Exicycle™ 96 Real-Time PCR System (Cat. No. EP-: A-2060) from genomic DNA extracted from 200ul Whole blood samples.