POPULATION SCALE HLA-TYPING AND USES THEREOF

ABSTRACT

The present invention provides a portable system for real-time population-scale HLA genotyping and/or allelotyping in a field environment and methods of such population-scale HLA genotyping. The individual components of the system are portable to and operable within a field environment thereby providing high throughput with real-time geno- or allelotyping. Also provided are HLA gene-specific primers and HLA allele-specific or single nucleotide polymorphism-specific hybridization probes. In addition the present invention provides a microarray comprising the hybridization probes. Further provided is a kit comprising the HLA gene-specific primers and the microarray.

No Suitable Figure