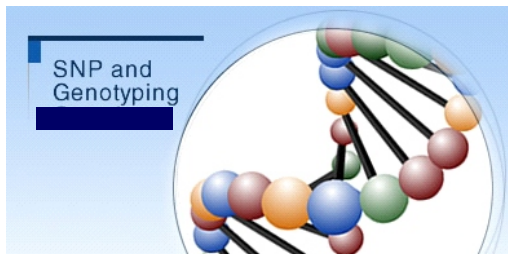


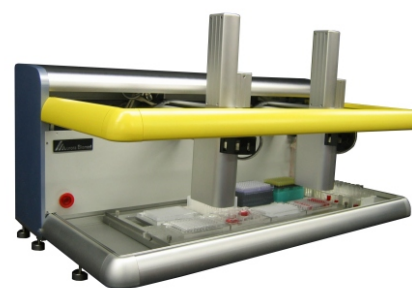
Solutions for Automated SNP Genotyping



The single nucleotide polymorphism (SNP) detection has become increasingly important to a wide range of fields including clinical diagnostics, pharmacogenomics, population genetics and forensic medicine. The SNP genotyping technology helps in rapid and efficient screening of genomic DNA samples for SNPs. However, without parallel progress in automation of this technology, their true power and benefits can not come to fruition. Keeping this in view, the SNP genotyping protocols have been automated with VERSA series of Aurora Biomed Inc.

VERSA series can be configured with a wide range of modules and peripherals to allow for efficient automation of steps such as:

- DNA isolation and quantitation
- pipetting of primer-extension reactions
- pipetting of enzymatic digests after an initial PCR
- different DNA-purification steps
- preparation of analyte samples for analyzer
- Integration



The VERSA platforms are scalable systems for medium to high-throughput SNP genotyping.

FEATURES	ADVANTAGES
<ul style="list-style-type: none">• Highly customizable• Nano-precision dispensing• High speed, accurate, and non-contact delivery• True aspirate and dispense capability• User friendly software interface• Hands-free process	<ul style="list-style-type: none">• allows a relatively high throughput as one SNP assay per sample per well can be performed in 96 well or 384-well microplates.• ensures a statistically acceptable rate of error in sample transfers.• eliminates the possibility of sample contamination by the manual operations• allows a fast turn around time for projects.

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