

# FlexMAP™ Beads

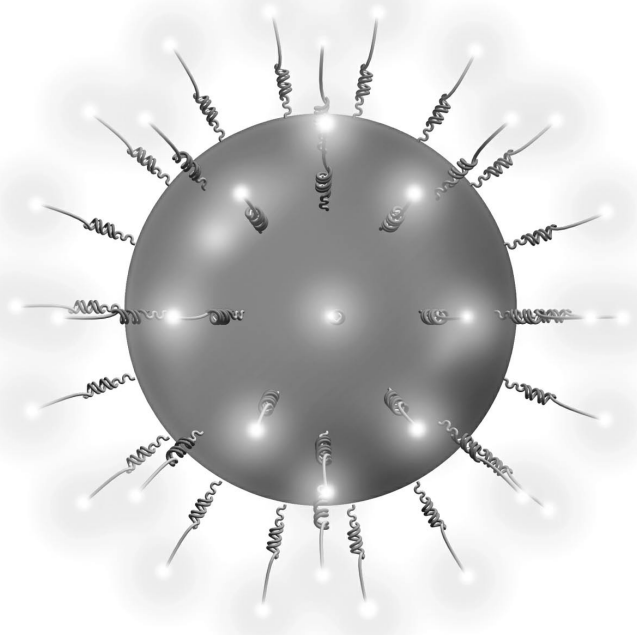
## Genotyping Beads for Luminex

With the SNP (single nucleotide polymorphisms) Consortium publishing over 1.8 million known SNPs, SNPs are quickly becoming the preferred genetic markers for identification of disease genes, pharmacogenomics, and medical diagnostics. FlexMAP™ beads coupled with Luminex® based-systems and MasterPlex™ GT Genotyping Software provide a complete system for the quick, productive and cost-efficient SNP genotyping and haplotyping.

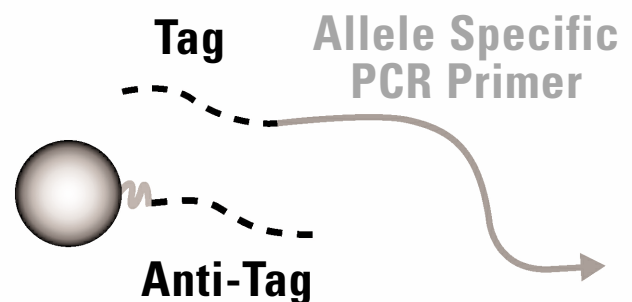
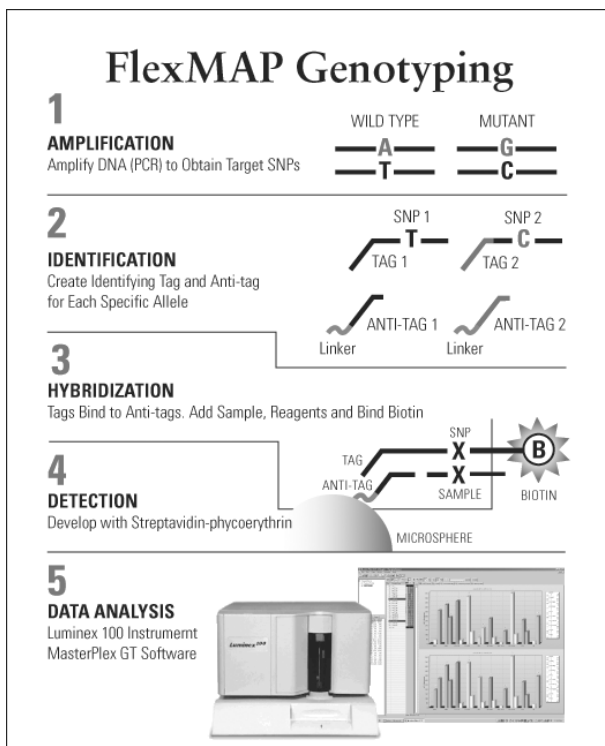
FlexMAP beads increase the speed of analysis and simplify the bead assay by eliminating the need to couple universal capture oligonucleotides to beads. Each of the 100 individual bead sets has a unique 24-base oligonucleotide ("anti-tag") attached. In addition, each of these attached anti-tags is isothermal, optimized to reduce cross-hybridization, and designed to minimize secondary structure stability.

### Features

- Isothermal, 37° C ± 1° C
- 2.5 x 10<sup>6</sup> beads/mL
- ≥ 100 allelic assays per MTP well
- Up to 10,000 SNP analyses per hour



Each of these 100 beads sets also has a specific dye combination giving every set a unique color and thus identification. This provides simple yet powerful multiplexing to greatly increase throughput. These beads allow solution phase kinetics to further enhance throughput.



## System

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## Specifications

## Software

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## Ordering Information

**Bio**

A Hitachi Software Company

[www.miraibio.com](http://www.miraibio.com)