iPLEX® Sample ID Panel – a rapid, cost-effective method for sample identification

The Seinquenom MassARRAY® system offers a high-throughput, robust method for sample identification and has been utilized by leading cancer repositories and biobanking centers1.

The iPLEX® Sample ID Panel provides a highly accurate method for sample tracking and identification via SNP genotyping. The panel includes 45 highly informative SNPs across European, Asian, and African populations identified by the SNPforID consortium2. Designed within a single well, you only need <20 ng DNA to quickly ensure your sample matches the one intended.

Key Features

- Unique, large number of loci provides a high degree of discriminatory power of > 1.00 x 10⁻¹⁸
- Single multiplexed assay provides a cost-effective, streamlined protocol
- iPLEX® reagents and custom oligonucleotide mixes available through Assays by Seinquenom

### Figure 1 – Reference Sequences (RefSeq) represented in the iPLEX® Sample ID Panel


For allele frequency information by ethnicity, visit: http://spsmart.cesga.es/snpforid.php

Disclaimer: iPLEX® Sample ID Panel and the MassARRAY system are for Research Use Only. Not for use in diagnostic procedures. ©2011 Seinquenom Inc. All rights reserved.

Seinquenom’s patented nucleic acid analysis by mass spectrometry methods are protected under United States patent rights; including, but not limited to: 6,500,621, 6,300,076, 6,258,538, 5,869,242, 6,238,871, 6,440,705, 6,994,969, 7,048,787, and 7,373,072 and patents pending; including, but not limited to Application no. 20040081993A1, 1/089,805, and all of the foreign equivalent patent rights of the forgoing.

Seinquenom, iPLEX, and MassARRAY are registered trademarks of Seinquenom, Inc.

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Mass spectrometry is ideally suited for the analysis of nucleic acids due to its exquisite sensitivity and accuracy. The new MassARRAY® Analyzer 4 System unites the power of mass spectrometry, robust molecular biology, and advanced data analysis software to meet the needs of low and high-throughput laboratories. The MassARRAY Analyzer 4 provides increased throughput, fast time-to-results, and the flexibility to run from tens to thousands of samples cost-effectively across a variety of applications – making it an ideal genetic analysis system for use in basic and translational research laboratories. Visit our website at www.sequenom.com and see what leading institutions already know.