



Swine Genotyping

Discovery, Improvement, Diagnostics



SNP Profiling and Illumina® Services

- PorcineSNP60 BeadChip – 62,163 informative SNP markers

Marker Assisted Selection

Key Features and Benefits

- Mass spectrometry-based detection system for sensitive, accurate, and rapid analyses
- 384 and 96-well options for high- and low-throughput applications
- Easy-to-use multiplexed assay design and optimization software saves research time and helps maximize efficiency
- Flexible SNP numbers

PRRSV Diagnostics

Key Features and Benefits

- RT-PCR for sensitive, accurate, and rapid analysis
- 384 and 96-well options for high- and low-throughput research applications
- Easy-to-use multiplexed assay design and optimization software saves research time and helps maximize efficiency
- Same day results



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SEEKGAIN™

Single Gene Testing

GeneSeek is now offering validated porcine performance trait DNA marker testing utilizing information from 7 unique genes that impact:

- Feed Intake/Conversion
- Weight Gain
- Lean Growth
- Fat Content
- Meat Quality
- Litter Size – Estrogen Receptor
- Litter Size – Erythropoietin

SEEKSIRE™

Parentage and Sire Identification Program for Swine

SeekSire is created for growers, breeders and breed associations who need to manage their herd's pedigrees in a highly accurate and cost-effective manner. SeekSire can help maintain herd books, facilitate retrospective genetic improvement, and manage herd performance and quality. Additionally, when all sires and dams used in a herd are known and identified through DNA, it is possible to identify all progeny, thereby creating full traceability as well. GeneSeek's newest technology platforms make SeekSire very affordable!

SEEKTRACE™

Traceability Program for Swine

SeekTrace can address traceability needs across the entire production to consumer pipeline. SeekTrace enables management of the origin, movement and identity of each animal through the entire supply, demand and consumption chain. A powerful set of DNA markers are used to identify a unique sample, and in conjunction with date of processing, facility or premise ID, any animal can be traced with the help of custom informatics solutions. While traceability has been a desirable solution for many years, high DNA testing costs have limited widespread adoption. But now, for the first time, new advances in DNA technology allow us to provide SeekTrace for a fraction of the end value of each animal.

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