

Animaltype **Pig**

The new standard for genotyping of pigs



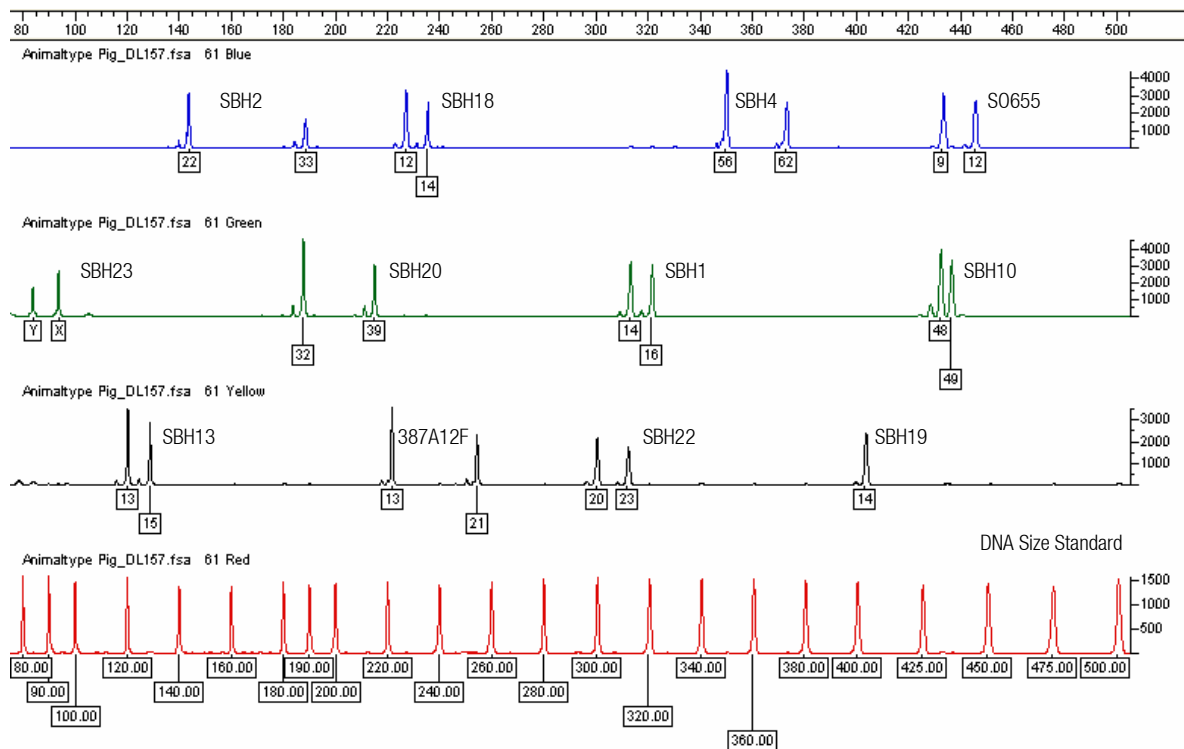
Animaltype **Pig** has been developed for the multiplex amplification of eleven tetranucleotide STR markers and the gender-specific Amelogenin (SBH23). Genotyping of pigs with Animaltype **Pig** is fast and reliable from blood or tissue samples.

The test kit is designated for the proof of origin according to the EU-Directive and to assess the kinship or the status of inbreeding within stocks. Additionally, Animaltype **Pig** is provided with an Allelic Ladder and Control DNA that allow standardisation of allele designation between different laboratories. The following markers are amplified simultaneously:

Bio **t**ype®

6-FAM:	SBH2	SBH18	SBH4	S0655
HEX:	SBH23	SBH20	SBH1	SBH10
NED:	SBH13	387A12F	SBH22	SBH19

Robust and Sensitive Genotyping of Eleven STR Markers and Amelogenin (SBH23)



Electropherogram of PCR products using the Animaltype **Pig** analysed on an ABI PRISM® 310 Genetic Analyzer with Genotyper® Software. Use of 2 ng Control DNA DL157

Animaltype **Pig**

Components and Amounts for 100 Reactions

Nuclease-free Water	3.0 mL
Reaction Mix D	500 µL
Primer Mix	250 µL
Control DNA DL157	10 µL
DNA Size Standard (ROX)	25 µL
Allelic Ladder	10 µL
Biotype® Template Files (Genotyper®/GeneMapper™) CD-ROM	

Technical Specification

Detection limit: 1-10 ng genomic DNA
Optimal amount of template DNA per reaction: 5 ng
Volume per PCR-reaction: 25 µL
Fluorescence labels: 6-FAM, HEX, NED, ROX

Use with

ABI PRISM® 310 Genetic Analyzer
ABI PRISM® 377 DNA Sequencer
ABI PRISM® 3100/3130 Genetic Analyzer
ABI PRISM® 3700/3730 DNA Analyzer

Ordering Information

Product	Content	Cat. No.
Animaltype Pig	25 reactions	11-12110-0025
Animaltype Pig	100 reactions	11-12110-0100
Animaltype Pig	400 reactions	11-12110-0400



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