



# Signet™ Y-SNP Identification System v2.0

## Y-SNP Primary Screening Kit

**Catalog No.: 11711-100      100 Reactions      Store kit at -20°C. After first use Bead Mix may be stored at 2 - 8°C for up to 12 months.**

The Signet Y-SNP Identification System v2.0 comprises a core detection kit, a broad screening kit, and eleven individual genotyping kits. The Core Kit contains the Control DNAs, Exonuclease, 5X Labeling Mix, and Hybridization Solution. The screening and typing kits contain the specific 2X PCR Mixes and Bead Mixes necessary to complete the analysis.

### List of alleles and bead assignments

**Note: Beads are light sensitive. ALWAYS protect beads**

Bead No.	Allele
3	M122C
4	M122T
19	M343C
20	M343A
21	M9G
22	M9C
23	M89T
24	M89C

Bead No.	Allele
37	M45A
38	M45G
53	M207G
54	M207A
63	M175D
64	M175I
73	M168T
74	M168C

Bead No.	Allele
91	M304C
92	M304A
95	M96G
96	M96C
97	Amel X
98	Amel Y

### Components supplied

Components	Description and Storage	Volume
Y-SNP A-R 2X PCR Mix	PCR probes and nucleotides in PCR reaction buffer. Store at -20°C.	1.0 ml
Y-SNP A-R Bead Mix	DNA probes coupled to Luminex beads. Store at -20°C. After first use, store at 2°C – 8°C for up to 12 months.	200 µl

**Protocol:** Follow the protocol as described in the Y-SNP Genotyping Core Kit insert.

### Related Products

Name	Cat. #	Name	Cat. #
Y-SNP Genotyping Core Kit	11710-100	Y-SNP KLMN Genotyping Kit	11717-100
Y-SNP AB Genotyping Kit	11712-100	Y-SNP O1 Genotyping Kit	11718-100
Y-SNP CD Genotyping Kit	11713-100	Y-SNP O2 Genotyping Kit	11719-100
Y-SNP E Genotyping Kit	11714-100	Y-SNP PQ Genotyping Kit	11720-100
Y-SNP FGHI Genotyping Kit	11715-100	Y-SNP R1 Genotyping Kit	11721-100
Y-SNP J Genotyping Kit	11716-100	Y-SNP R2 Genotyping Kit	11722-100

Please visit Marligen's website at [www.marligen.com](http://www.marligen.com) for additional technical information.

### Important Information

The product you have received is authorized for laboratory research use only. The product has not been qualified or found safe and effective for any human or animal diagnostic or therapeutic application. Uses other than the labeled intended use may be a violation of applicable law.