



# Signet™ Y-SNP Identification System v2.0

## Y-SNP KLMN Genotyping Kit

**Catalog No.: 11717-100      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
1	TatC
2	TatT
11	M214C
12	M214T
15	M70C
16	M70A
35	M5T
36	M5C

Bead No.	Allele
41	M178C
42	M178T
75	M231G
76	M231A
89	S9138T
90	S9138C
93	M11G
94	M11A

### Components supplied

Components	Description and Storage	Volume
Y-SNP KLMN 2X PCR Mix	PCR probes and nucleotides in PCR reaction buffer. Store at -20°C.	1.0 ml
Y-SNP KLMN Bead Mix	DNA probes coupled to Luminex beads. Store at -20°C. After first use, store at 2 – 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 J Genotyping Kit	11716-100
Y-SNP Primary Screening Kit	11711-100	Y-SNP O1 Genotyping Kit	11718-100
Y-SNP AB Genotyping Kit	11712-100	Y-SNP O2 Genotyping Kit	11719-100
Y-SNP CD Genotyping Kit	11713-100	Y-SNP PQ Genotyping Kit	11720-100
Y-SNP E Genotyping Kit	11714-100	Y-SNP R1 Genotyping Kit	11721-100
Y-SNP FGHI Genotyping Kit	11715-100	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.