



Signet™ Y-SNP Identification System v2.0

Y-SNP O2 Genotyping Kit

Catalog No.: 11719-100 100 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 |
|----------|--------|
| 27 | M117I |
| 28 | M117D |
| 45 | M164C |
| 46 | M164T |
| 47 | M7G |
| 48 | M7C |
| 49 | M121I |
| 50 | M121D |

| Bead No. | Allele |
|----------|--------|
| 53 | M113G |
| 54 | M113A |
| 57 | M159C |
| 58 | M159A |
| 87 | M134I |
| 88 | M134D |

Components supplied

| Components | Description and Storage | Volume |
|---------------------|---|--------|
| Y-SNP O2 2X PCR Mix | PCR probes and nucleotides in PCR reaction buffer. Store at -20°C. | 1.0 ml |
| Y-SNP O2 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 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 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 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.