

SALSA MLPA PCR kit

This SALSA MLPA PCR kit contains the same four MLPA PCR reagents that are included in ordinary MLPA kits, namely Polymerase and PCR primer mix. Its main application is for MS-MLPA products. MS-MLPA kits for methylation detection come with PCR reagents for 100 reactions, while the PCR reaction is done in two tubes (one for copy number quantification and one for methylation detection). Some MS-MLPA users obtained improved results when the PCR reaction was performed in a 50 µl volume instead of the recommended 25 µl. Combining this PCR kit with an MS-MLPA kit allows the use of the same 50 µl PCR volumes in MS-MLPA reactions as are used with standard MLPA reactions.

PCR001-FAM, PCR001-CY5

1x SALSA PCR Primer mix: 240 µl (brown cap); mix of two PCR primers + dNTPs
1x SALSA Polymerase: 65 µl (orange cap)

PCR003-FAM, PCR003-CY5

3x SALSA PCR Primer mix: 240 µl (brown cap); mix of two PCR primers + dNTPs
3x SALSA Polymerase: 65 µl (orange cap)

None of the ingredients are hazardous in the amount present in an MLPA reagent kit as defined in the Hazard Communication Standard (HCS). None of the ingredients are of human or animal origin. None of the ingredients are derived from pathogenic bacteria. A statement 'MSDS not required' for SALSA MLPA probemixes and reagent kits is available on our website www.mlpa.com.

Storage and shelf life

All components of the SALSA® MLPA® reagent kit must be stored directly upon arrival at -15 °C to -25 °C in the dark and in the original package. When stored under the recommended conditions, a shelf life of at least 1 year is guaranteed. See the labels on each vial for the expiry date of each individual reagent.

Materials required but not provided

Calibrated thermocycler with heated lid, capillary electrophoresis instrument and other laboratory equipment as required. An (home-made) MLPA probemix and an MLPA reagent kit is needed to perform MLPA.

Precautions

For professional use only. Always consult the product-specific description AND the general MLPA or MS-MLPA protocol for DNA detection and quantification before use.

SALSA® MLPA® reagents are sold by MRC-Holland for research purposes and to demonstrate the possibilities of the MLPA technique. This kit is not CE/FDA certified for use in diagnostic procedures. The MLPA technique has been first described in Nucleic Acid Research 30, e57 (2002).

Related SALSA MLPA products

- MS-MLPA kits: MLPA kits for copy number quantification and methylation detection.

More information

Website : www.mlpa.com

E-mail : info@mlpa.com (information & technical questions); order@mlpa.com (for orders)

Mail : MRC-Holland bv; Willem Schoutenstraat 6, 1057 DN Amsterdam, the Netherlands