

## Certificate of Analysis SALSA® MLPA® Probemix P131 CCM Mix-2

| Catalogue #                       | P131-025R, P131-050R, P131-100R   |                     |
|-----------------------------------|---|---------------------|
| Product name                      | Probemix P131 CCM Mix-2   |                     |
| LOT                               | B2-0321   |                     |
| Σ                                 | 25, 50, or 100 reactions.   |                     |
| Shipping<br>conditions            | Dry ice or cooling elements.  |                     |
| X                                 | Store upon arrival between -25°C and -15°C.   |                     |
| 8                                 | Expiration date: March 2026, when stored at recommended conditions. This product should not be frozen/thawed more than 25 times.  |                     |
| Purpose                           | This product has been developed to determine the DNA copy numbers of the human <i>KRIT1</i> and <i>PDCD10</i> genes, as described in table 1 and 2 of the product description. This probemix is designed for use only in combination with SALSA MLPA reagent kits and Coffalyser.Net analysis software as described in the MLPA General Protocol.   |                     |
| Quality control<br>specifications | <ul> <li>Sufficient distance between peaks, absence of extra or shoulder peaks, and completeness of hybridisation of each individual probe, as tested on Applied Biosystems and Beckman/SCIEX GeXP sequencers.</li> <li>Standard deviation of each individual probe ≤0.10, when tested on 23 different DNA samples of healthy individuals, extracted by various methods.</li> <li>Each individual probe meets reaction-specific criteria when tested on a single DNA sample under various experimental conditions.</li> <li>No-DNA controls result in only five major peaks shorter than 121 nucleotides (nt): four Q-fragments at 64, 70, 76 and 82 nt, and one peak in the range of 0-40 nt corresponding to the unused portion of the fluorescent PCR primer. Non-specific peaks longer than 121 nt AND with a height &lt;25% of the median of the four Q-fragments are not expected to affect MLPA reactions when sufficient (50-250 ng) sample DNA is used.</li> </ul> | Test result<br>PASS |

None of the ingredients are derived from humans, animals, or pathogenic bacteria. Based on the concentrations present, none of the ingredients are hazardous as defined by the Hazard Communication Standard. **A Safety Data Sheet (SDS) is not required for these products**: none of the preparations contain dangerous substances (as per Regulation (EC) No 1272/2008 [EU-GHS/CLP] and amendments) at concentrations requiring distribution of an SDS (as per Regulation (EC) No 1272/2008 [EU-GHS/CLP] and 1907/2006 [REACH] and amendments). If spills occur, clean with water and follow appropriate site procedures.

| More information: www.mrcholland.com; www.mrcholland.eu |   |  |
|---|---|--|
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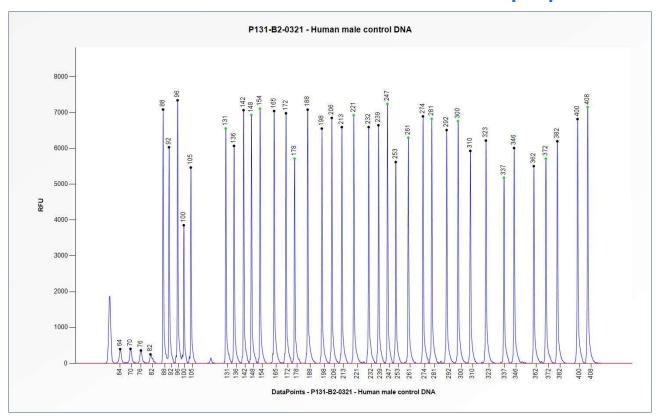


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**Figure 1**. Capillary electrophoresis pattern from a sample of approximately 50 ng human male control DNA analysed with SALSA MLPA Probemix P131 CCM Mix-2 (B2-0321).

## This lot was certified by MRC Holland on 28 May 2021.

This certificate is a declaration of analysis at the time of the manufacturing process. All assays were run in compliance with manufacturer's instructions for use.

## Implemented changes in the COA

Version 01 – 28 May 2021 (6) - Not applicable, new document.