




Certificate of Analysis

SALSA® digitalMLPA Probemix D001 Hereditary Cancer Panel 1

Catalogue #	D001-025R, D001-050R, D001-100R	
Product name	Probemix D001 Hereditary Cancer Panel 1	
LOT	C1-1221	
	25, 50, or 100 reactions.	
Shipping conditions	Dry ice or cooling elements.	
	Store upon arrival between -25°C and -15°C.	
	Expiration date: December 2026, when stored at recommended conditions. This product should not be frozen/thawed more than 25 times.	
Purpose	This product has been developed for the detection of exon deletions or duplications in the human genes mentioned in Table 2 of the product description. This probemix is designed for use only in combination with a digitalMLPA reagent kit, SALSA barcode solution plate and Coffalyser digitalMLPA as described in the digitalMLPA General Protocol and D001-C1 product description.	
Quality control specifications	<ul style="list-style-type: none"> - Absence of non-specific interactions and completeness of hybridisation of each individual probe, as tested on MiSeq and MiniSeq Illumina sequencers. - Standard deviation of ≤ 0.10 for all probes with the exception of SNP- and mutation-specific probes, when tested on 48 different DNA samples of healthy individuals, extracted by various methods. - Each individual probe meets reaction-specific criteria when tested on a single DNA sample under various experimental conditions. - Each individual probe is compatible (absence of non-specific interactions) with all available digitalMLPA barcode solutions. - Each individual probe shows the expected final ratio when tested on positive samples with verified genomic aberrations. 	<p style="text-align: center;">Test result</p> <p style="text-align: center; font-size: 1.5em;">PASS</p>

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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This lot was certified by MRC Holland on 21 February 2022.

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 02 – 06 September 2023 (01D)

- A reference to the D001-C1 product description was added to the purpose section.

Version 01 – 21 February 2022 (01D)

- Not applicable, new document.