

COA Version 01; Issued 13 December 2019

Certificate of Analysis SALSA® MS-MLPA® Probemix ME024 9p21 CDKN2A/2B region

Catalogue #	ME024-025R, ME024-050R, ME024-100R	
Product name	Probemix ME024 9p21 CDKN2A/2B region	
LOT	B3-0919	
Σ	25, 50, or 100 reactions.	
Shipping conditions	Dry ice or cooling elements.	
1	Store upon arrival between -25°C and -15°C.	
	Expiration date: September 2024, when stored at recommended con product should not be frozen/thawed more than 25 times.	ditions. This
Use	This probemix can be used for the detection of aberrant methylation of sequences of the <i>CDKN2A</i> and <i>CDKN2B</i> genes on chromosome band probemix can also be used to detect deletions/duplications in <i>MIR31</i> , <i>M7 CDKN2B</i> and <i>PAX5</i> genes. This probemix is designed for use only in com SALSA MLPA reagent kits, SALSA HhaI, and Coffalyser.Net as described in General Protocol.	1 9p21. This TAP, CDKN2A, bination with
Quality control specifications	 Sufficient distance between peaks, absence of extra or shoulder peaks, and completeness of hybridisation and HhaI digestion of each individual probe, as tested on Applied Biosystems and Beckman/SCIEX GeXP sequencers. Standard deviation of each individual probe ≤0.10, when tested on 23 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. 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 19 nt peak corresponding to the unused portion of the fluorescent PCR primer. Non-specific peaks longer than 121 nt AND with a height <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. Note: We observed one small peak below the 25% threshold with a length of approximately 208 nt in a No DNA control. 	Test result 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.mlpa.com; www.mlpa.eu		
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Phone	+31 888 657 200	



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Certificate of Analysis SALSA MS-MLPA Probemix ME024-B3 9p21 CDKN2A/2B region sample pictures

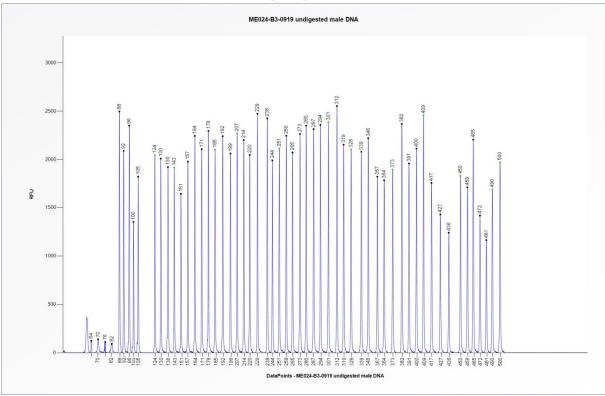


Figure 1. Capillary electrophoresis pattern from a sample of approximately 50 ng <u>undigested</u> human male control DNA analysed with SALSA MS-MLPA Probemix ME024 9p21 CDKN2A/2B region (B3-0919) for the quantification of copy numbers.



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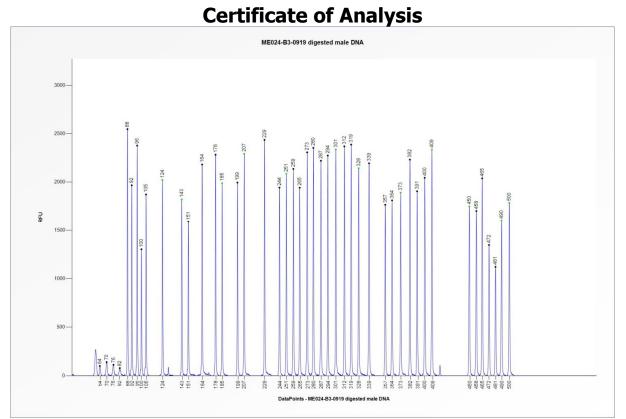


Figure 2. Capillary electrophoresis pattern from a sample of approximately 50 ng <u>digested</u> human male control DNA analysed with SALSA MS-MLPA Probemix ME024 9p21 CDKN2A/2B region (B3-0919) to determine the methylation status.

This lot was certified by MRC-Holland on 12 December 2019.

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 - 13 December 2019 (02)

- Not applicable, new document.