

Certificate of Analysis

SALSA® MLPA® Probemix ME012 MGMT-IDH-TERT

Catalogue #	ME012-025R, ME12-050R, ME012-100R	
Product name	SALSA® MLPA® Probemix ME012 MGMT-IDH-TERT (hereafter: ME012 MGMT-IDH-TERT)	
LOT	B2-0825	
Shipping conditions	Dry ice or cooling elements.	
	Expiration date: March 2031, when stored at recommended conditions.	
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 sequencer. - Standard deviation between the final ratios of each individual probe ≤ 0.10, when tested on 23 different DNA samples of healthy individuals, extracted by various methods. Note that the standard deviation for the mutation-specific probes is not determined because no signal is generated on DNA from healthy individuals. - 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 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 $< 25\%$ of the median of the four Q-fragments are not expected to affect MLPA reactions when sufficient (50-250 ng) sample DNA is used.	Test result
		PASS

More information: www.mrcholland.com ; www.mrcholland.eu	
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ME012-B2 MGMT-IDH-TERT sample pictures

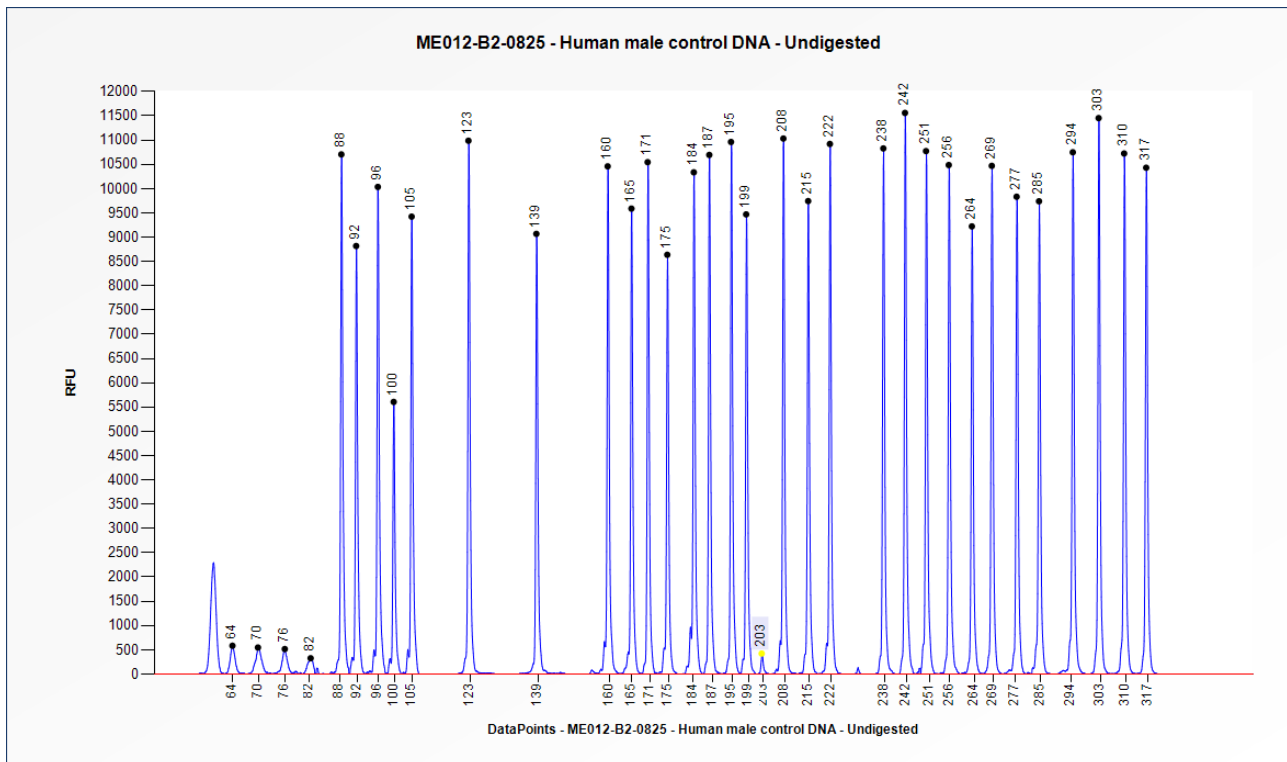


Figure 1. Capillary electrophoresis pattern from a sample of approximately 50 ng undigested human male control DNA analysed with ME012 MGMT-IDH-TERT (B2-0825) for the quantification of copy numbers.

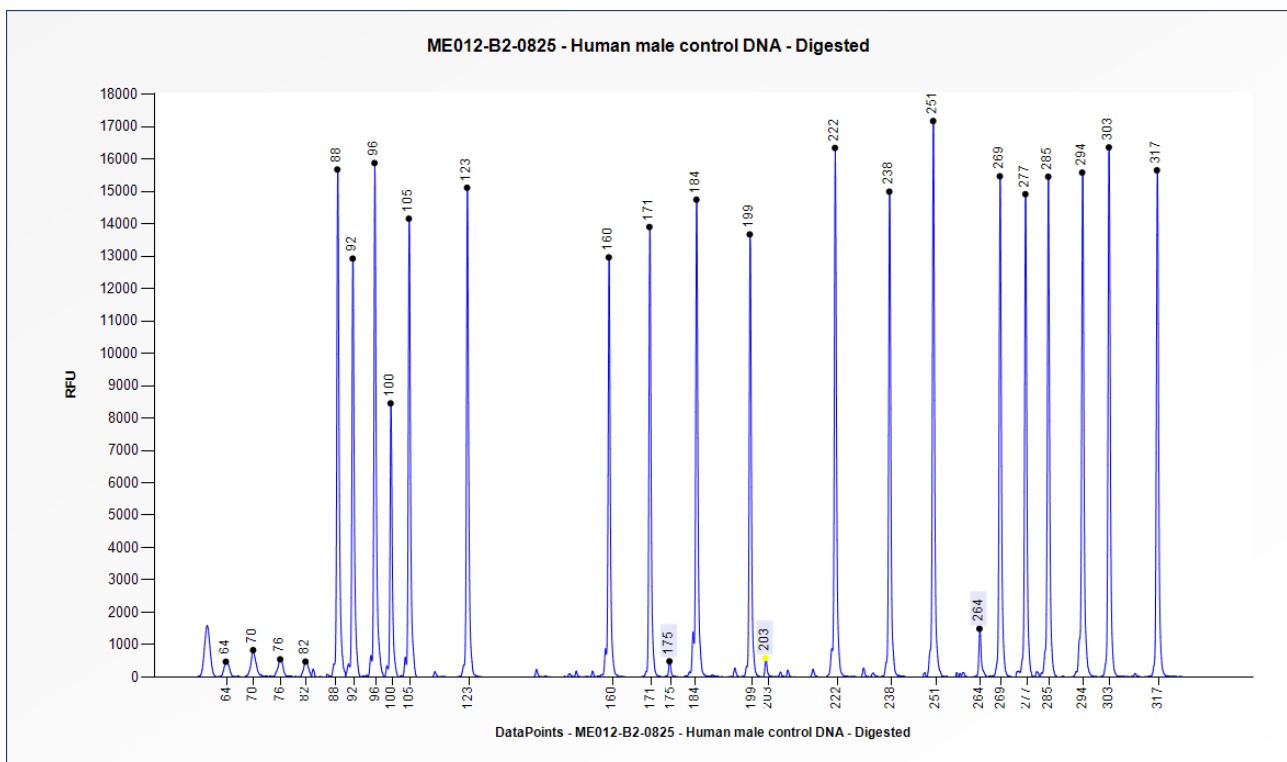


Figure 2. Capillary electrophoresis pattern from a sample of approximately 50 ng digested human male control DNA analysed with ME012 MGMT-IDH-TERT (B2-0825) to determine the methylation status. The MS-MLPA

probe at 264 nt is not fully digested in DNA samples derived from blood, and thus it might have a background signal of 5-15%.

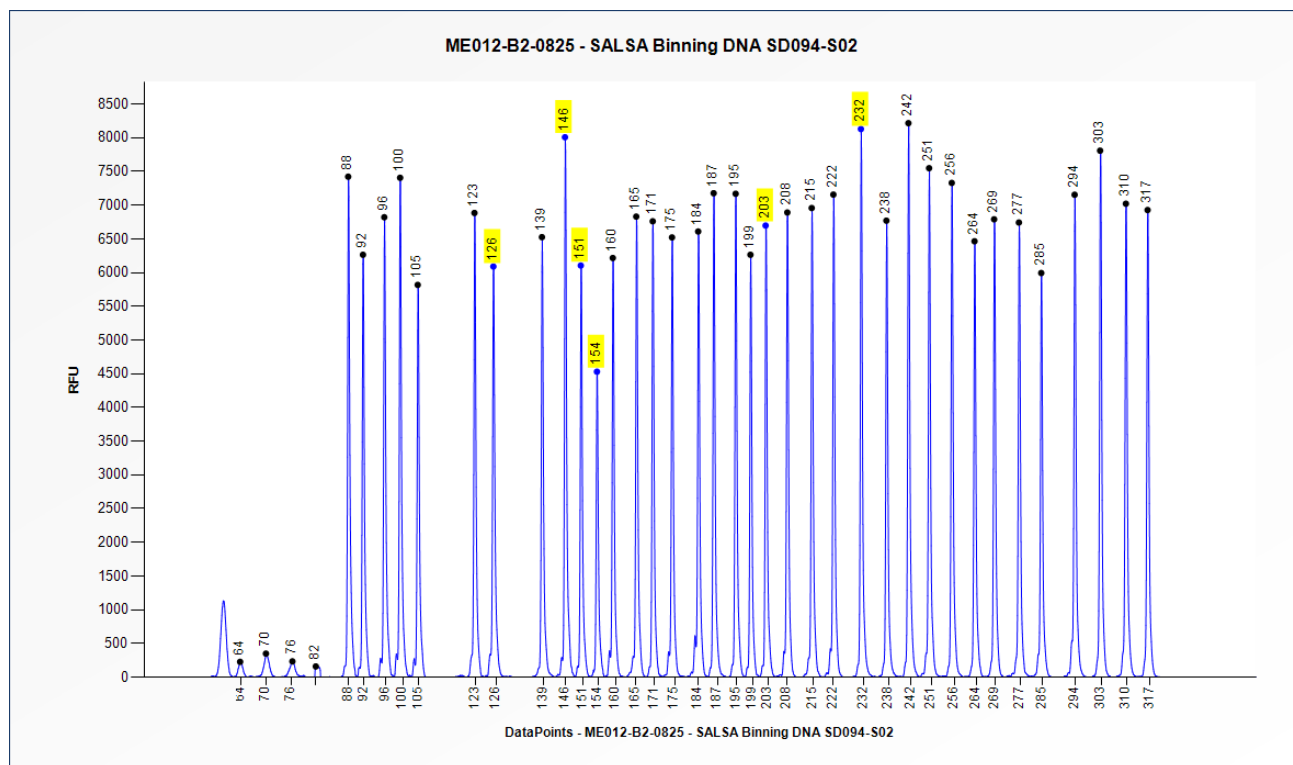


Figure 3. Capillary electrophoresis pattern from SALSA® Binning DNA SD094-S02 (approximately 50 ng) analysed with ME012 MGMT-IDH-TERT (B2-0825). The location of the *TERT* C250T, *TERT* C228T, *IDH2* p.R172K=c.515G>A, *IDH2* p.R172M=c.515G>T, *IDH1* p.R132H=c.395G>A and *IDH1* p.R132C=c.394C>T mutation-specific probes at 126, 146, 151, 154, 203 and 232 nt, respectively, are indicated.

This lot was certified by MRC Holland on 13 July 2026.

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 July 2026 (5)
- Not applicable, new document.