Certificate of Analysis
SALSA® MLPA® Probemix P489 BARD1

Catalogue #	**P489-025R, P489-050R, P489-100R**	
Product name	**SALSA® MLPA® Probemix P489 BARD1 (hereafter: P489 BARD1)**	
LOT	**A2-0126**	
Shipping conditions	Dry ice or cooling elements.	
	Expiration date: February 2031, when stored at recommended conditions.	
Quality control specifications	- Sufficient distance between peaks, absence of extra or shoulder peaks, and completeness of hybridisation 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. - 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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Certificate of Analysis
P489-A2 BARD1 sample picture

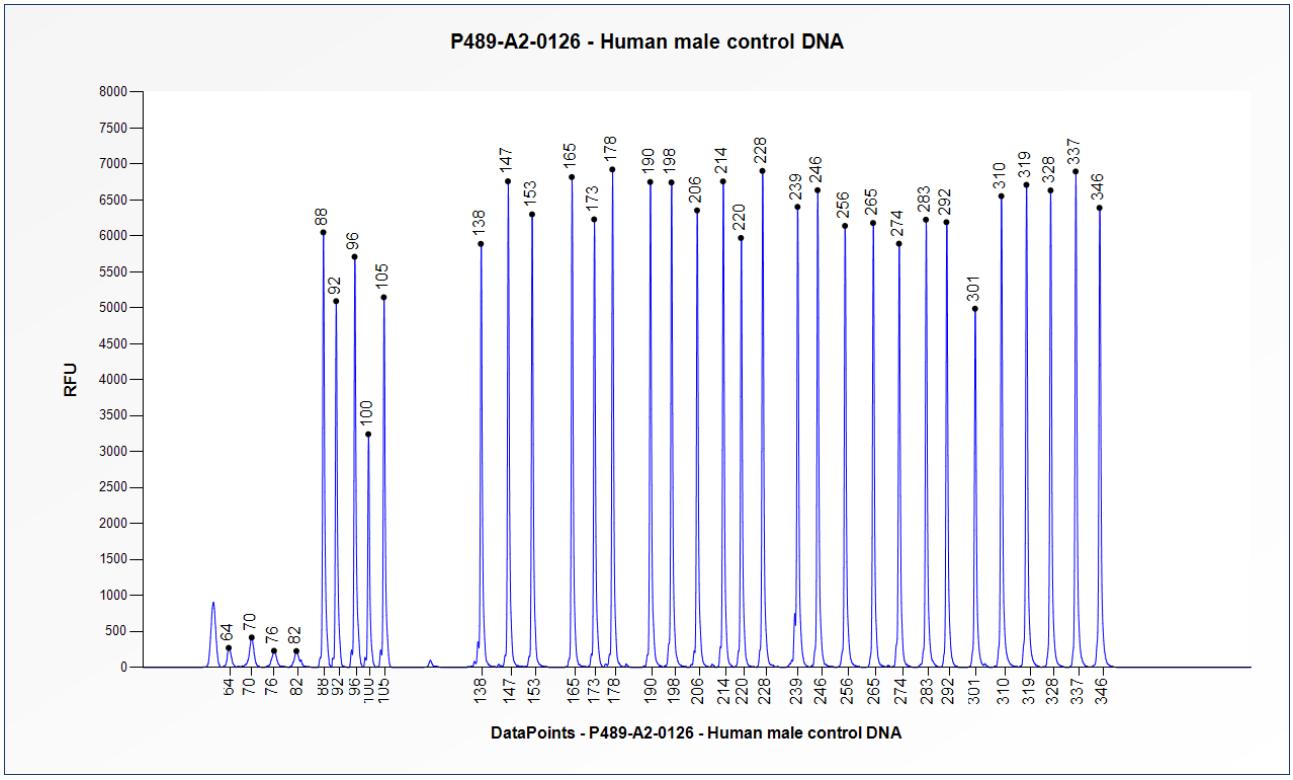


Figure 1. Capillary electrophoresis pattern from a sample of approximately 50 ng human male control DNA analysed with P489 BARD1 (A2-0126).

This lot was certified by MRC Holland on 11 May 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 – 11 May 2026 (7) - Not applicable, new document.