


## Certificate of Analysis

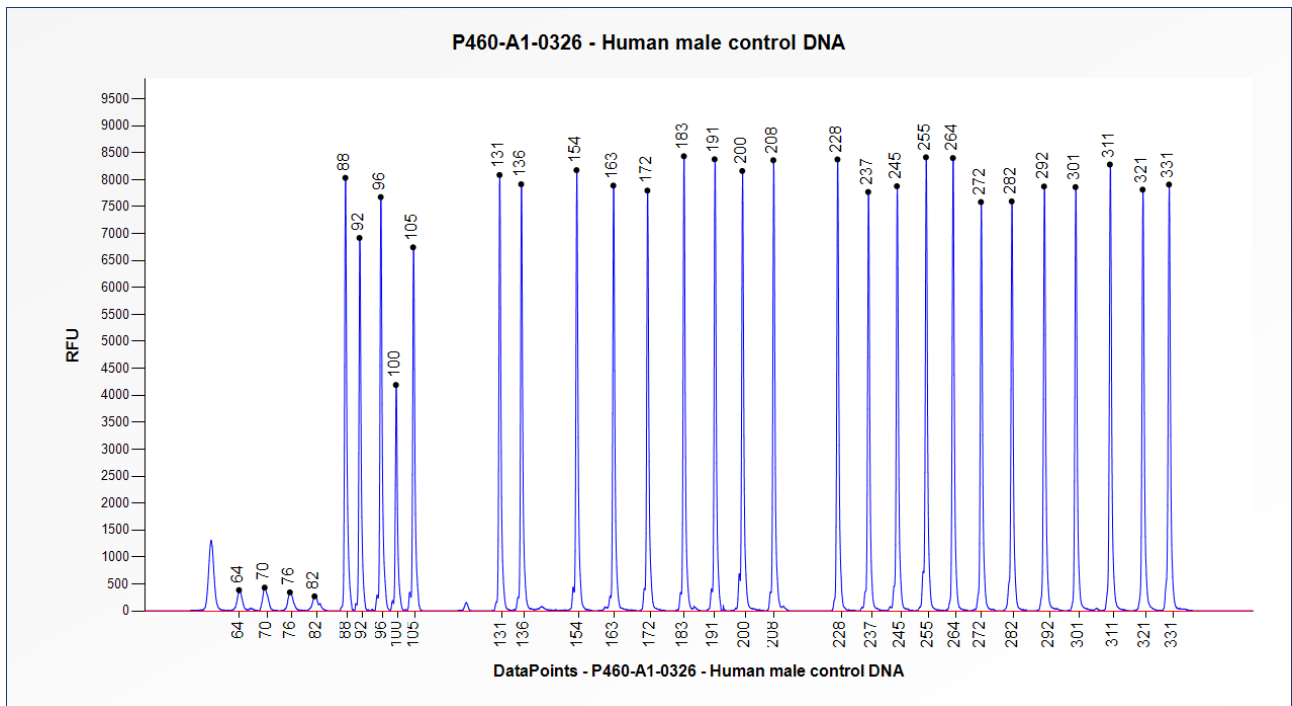
### SALSA® MLPA® Probemix P460 SMA (Silent) Carrier

<b>Catalogue #</b>	P460-025R, P460-050R, P460-100R	
<b>Product name</b>	SALSA® MLPA® Probemix P460 SMA (Silent) Carrier (hereafter: P460 SMA (Silent) Carrier)	
<b>LOT</b>	A1-0326	
<b>Shipping conditions</b>	Dry ice or cooling elements.	
	Expiration date: October 2030, when stored at recommended conditions.	
<b>Quality control specifications</b>	<ul style="list-style-type: none"> <li>- Sufficient distance between peaks, absence of extra or shoulder peaks, and completeness of hybridisation of each individual probe, as tested on Applied Biosystems sequencer.</li> <li>- Standard deviation between the final ratios of each individual reference probe <math>\leq 0.10</math>, 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>	<b>Test result</b>  <b>PASS</b>

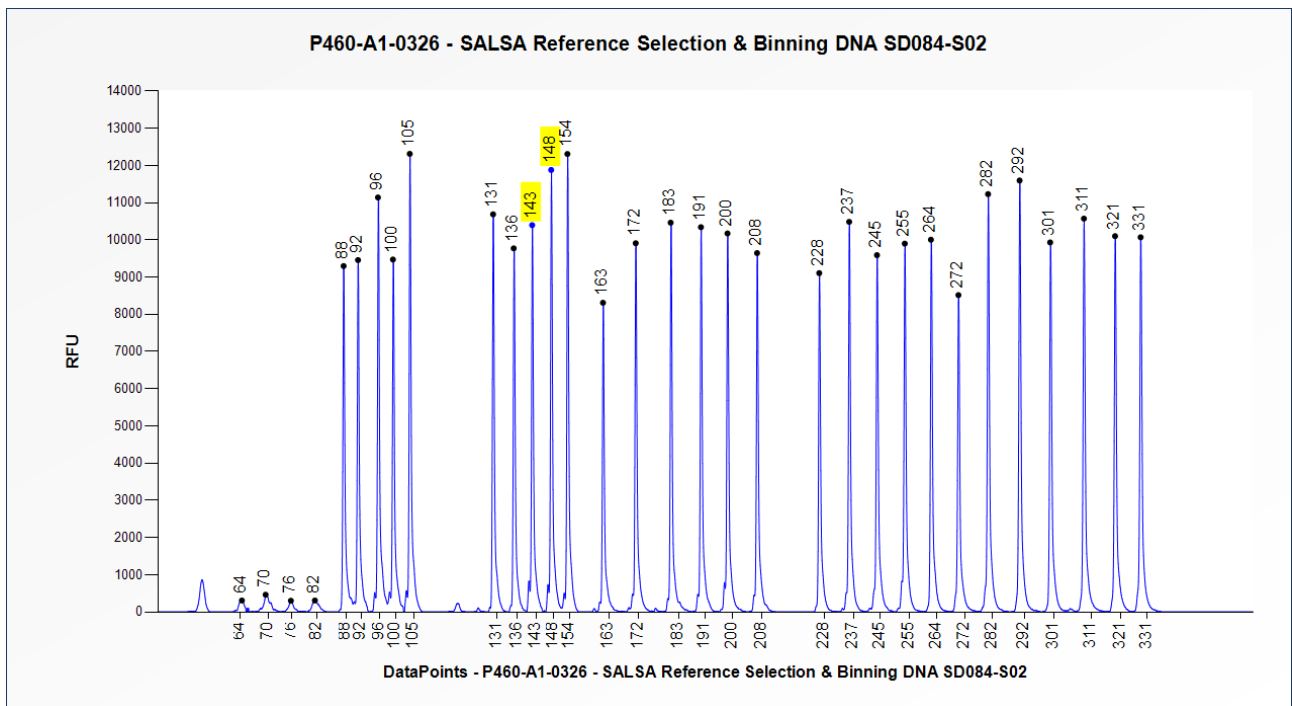
<b>More information:</b> <a href="http://www.mrcholland.com">www.mrcholland.com</a> ; <a href="http://www.mrcholland.eu">www.mrcholland.eu</a>	
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## P460 SMA (Silent) Carrier sample pictures



**Figure 1.** Capillary electrophoresis pattern from a sample of approximately 50 ng human male control DNA analysed with P460 SMA (Silent) Carrier (A1-0326).



**Figure 2.** Capillary electrophoresis pattern from SALSA® Reference Selection & Binning DNA SD084-S02 (approximately 50 ng) analysed with P460 SMA (Silent) Carrier (A1-0326). The location of the g.27134T>G and g.27706-27707delAT specific probes at 143 nt and 148 nt respectively, are indicated.

**This lot was certified by MRC Holland on 16 June 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.

<b>Implemented changes in the COA</b>
Version 01 – 16 June 2026 (7) - Not applicable, new document.