

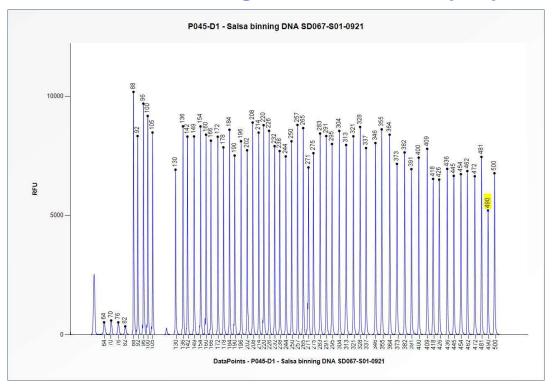
## Certificate of Analysis SALSA® Binning DNA SD067

Catalogue #	SD067	
Product name	SALSA Binning DNA SD067	
LOT	S01-0921	
Σ	6 reactions.	
Shipping conditions	Dry ice or cooling elements.	
*	Store upon arrival between -25 °C and -15 °C.	
$\subseteq$	Expiry date: September 2026, when stored at recommended conditions.	
Purpose	To be used with SALSA MLPA Probemix P045-D1 BRCA2/CHEK2, SALSA MLPA Probemix P051-D2 Parkinson mix 1, SALSA MLPA Probemix P052-D2 Parkinson mix 2, SALSA MLPA Probemix P056-D1 TP53 or SALSA MLPA Probemix P102-D1 HBB, SALSA MLPA reagent kits and Coffalyser.Net™ analysis software as described in the MLPA General Protocol and the corresponding probemix product descriptions.	
Quality control specifications	- The mutation-specific probes, as described in the product description, produce a signal at the designed length.	Test result
	- The signal of the mutation-specific probes when tested with wild-type genomic DNA is <10% of the peak height generated when tested with SALSA Binning DNA SD067.	
	- The signal of the mutation-specific probes when tested with SALSA Binning DNA SD067 is at least 15% in peak height of the average probe signal of the 10 neighbouring probes.	
	<ul> <li>The 105 nt chromosome Y specific control fragment generates a signal on SALSA Binning DNA SD067 which is similar to the signal obtained on wild-type male genomic DNA.</li> </ul>	PASS
	<ul> <li>All probes in SALSA MLPA Probemix P045-D1 BRCA2/CHEK2, SALSA MLPA Probemix P051-D2 Parkinson mix 1, SALSA MLPA Probemix P052-D2 Parkinson mix 2, SALSA MLPA Probemix P056-D1 TP53 and SALSA MLPA Probemix P102-D1 HBB, other than the mutation-specific probes, show normal signals, similar to the peak pattern obtained on wild-type genomic DNA.</li> </ul>	

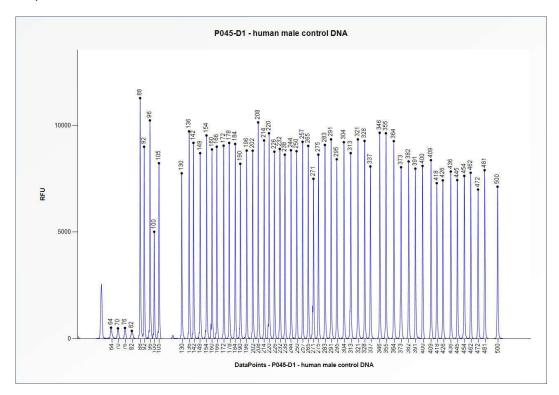
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	order@mrcholland.com (orders)	
Phone	+31 888 657 200	



## Certificate of Analysis SALSA® Binning DNA SD067 sample pictures

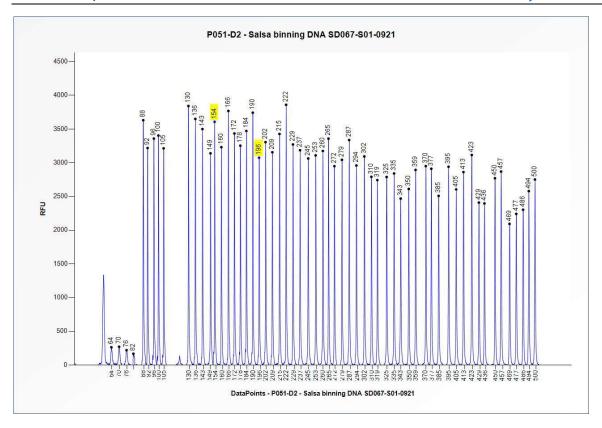


**Figure 1**. Capillary electrophoresis pattern from SALSA Binning DNA SD067-S01-0921 (approximately 50 ng) analysed with SALSA MLPA Probemix P045 BRCA2/CHEK2 (D1-0519). The location of the CHEK2 1100delC mutation-specific probe at 490 nt is indicated. Probe peak heights may vary between different lots of the P045-D1 probemix.

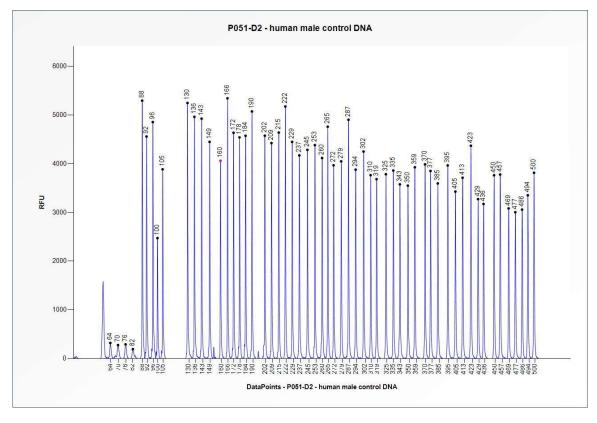


**Figure 2**. Capillary electrophoresis pattern from a sample of approximately 50 ng human male control DNA analysed with SALSA MLPA Probemix P045 BRCA2/CHEK2 (D1-0519). Probe peak heights may vary between different lots of the P045-D1 probemix.



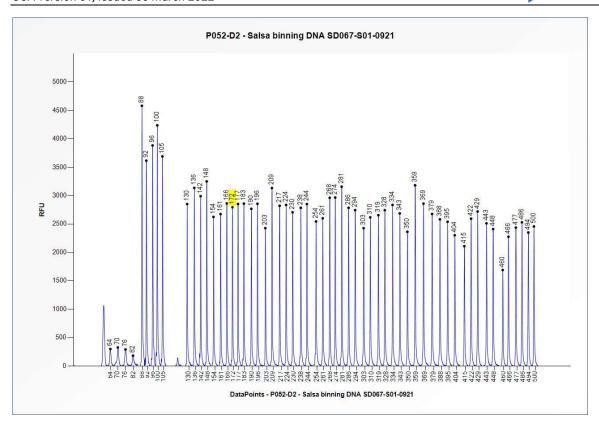


**Figure 3**. Capillary electrophoresis pattern from SALSA Binning DNA SD067-S01-0921 (approximately 50 ng) analysed with SALSA MLPA Probemix P051 Parkinson mix 1 (D2-0920). The locations of the SNCA A30P and LRRK2 G2019S mutation-specific probes at 154 nt and 196 nt are indicated. Probe peak heights may vary between different lots of the P051-D2 probemix.

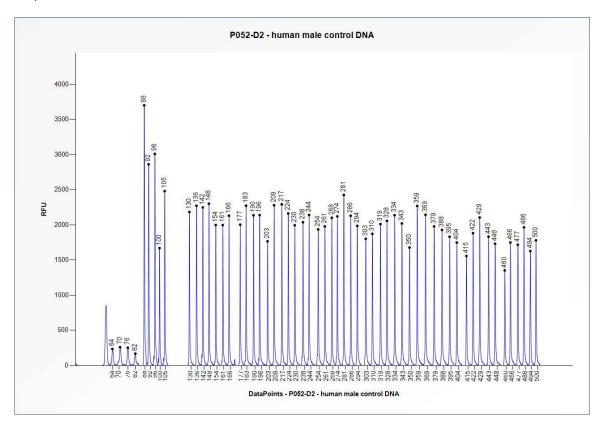


**Figure 4**. Capillary electrophoresis pattern from a sample of approximately 50 ng human male control DNA analysed with SALSA MLPA Probemix P051 Parkinson mix 1 (D2-0920). Probe peak heights may vary between different lots of the P051-D2 probemix.



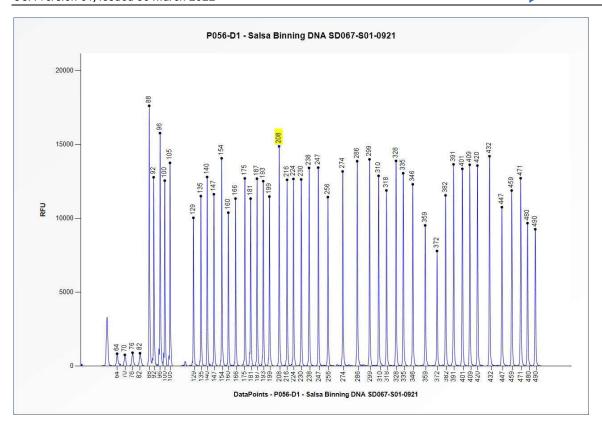


**Figure 5**. Capillary electrophoresis pattern from SALSA Binning DNA SD067-S01-0921 (approximately 50 ng) analysed with SALSA MLPA Probemix P052 Parkinson mix 2 (D2-0618). The location of the LRRK2 G2019S mutation-specific probe at 172 nt is indicated. Probe peak heights may vary between different lots of the P052-D2 probemix.

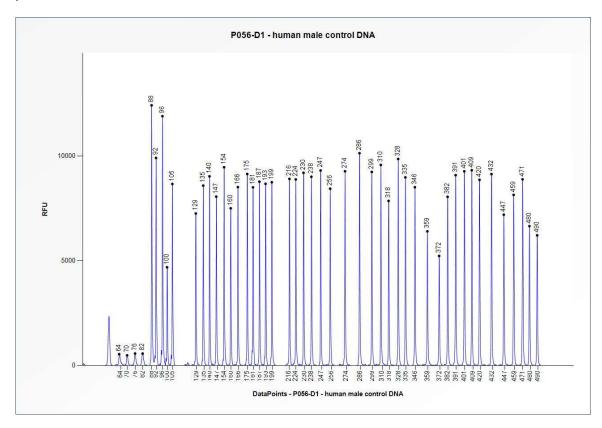


**Figure 6**. Capillary electrophoresis pattern from a sample of approximately 50 ng human male control DNA analysed with SALSA MLPA Probemix P052 Parkinson mix 2 (D2-0618). Probe peak heights may vary between different lots of the P052-D2 probemix.



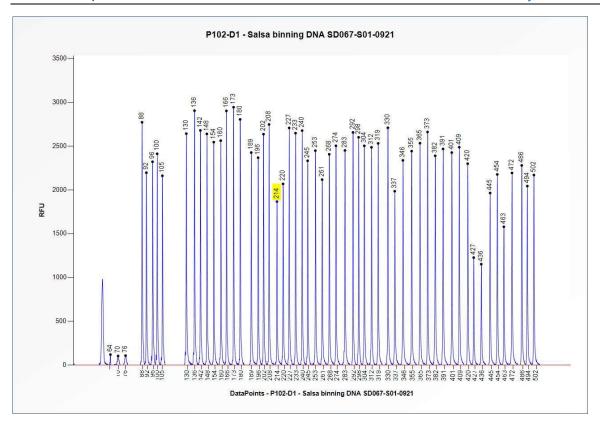


**Figure 7**. Capillary electrophoresis pattern from SALSA Binning DNA SD067-S01-0921 (approximately 50 ng) analysed with SALSA MLPA Probemix P056 TP53 (D1-0418). The location of the CHEK2 1100delC mutation-specific probe at 208 nt is indicated. Probe peak heights may vary between different lots of the P056-D1 probemix.

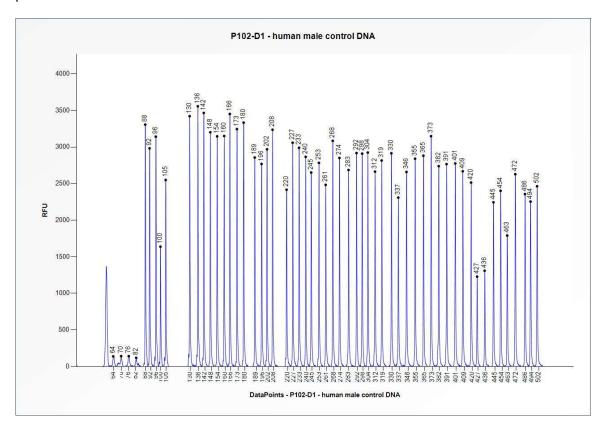


**Figure 8**. Capillary electrophoresis pattern from a sample of approximately 50 ng human male control DNA analysed with SALSA MLPA Probemix P056 TP53 (D1-0418). Probe peak heights may vary between different lots of the P056-D1 probemix.





**Figure 9**. Capillary electrophoresis pattern from SALSA Binning DNA SD067-S01-0921 (approximately 50 ng) analysed with SALSA MLPA Probemix P102 HBB (D1-0920). The location of the haemoglobin S mutation-specific probe at 214 nt is indicated. Probe peak heights may vary between different lots of the P102-D1 probemix.



**Figure 10**. Capillary electrophoresis pattern from a sample of approximately 50 ng human male control DNA analysed with SALSA MLPA Probemix P102 HBB (D1-0920). Probe peak heights may vary between different lots of the P102-D1 probemix.



## This lot was certified by MRC Holland on 08 March 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 01 - 30 March 2022 (05)

- Not applicable, new document.