

## **Certificate of Analysis**

## SALSA® Binning DNA SD052

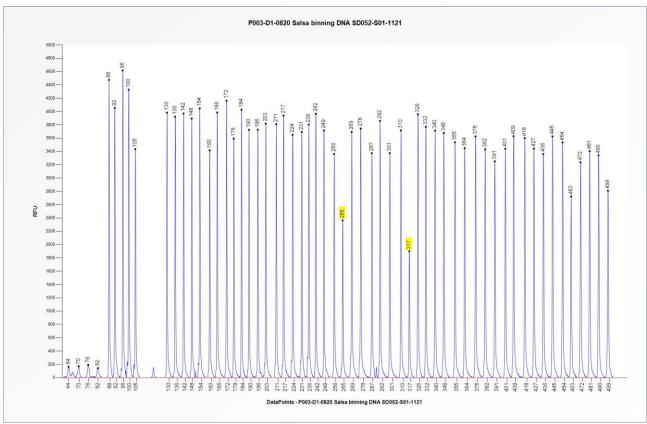
Catalogue #	SD052		
Product name	SALSA Binning DNA SD052		
LOT	S01-1121		
Σ	6 reactions.		
Shipping conditions	Dry ice or cooling elements.		
1	Store upon arrival between -25 °C and -15 °C.		
	Expiry date: November 2026, when stored at recommended conditions.		
Purpose	To be used with SALSA MLPA Probemix P003-D1 MLH1/MSH2, SALSA MLPA reagent kits and Coffalyser.Net™ analysis software as described in the MLPA General Protocol and the corresponding probemix product description.		
Quality control specifications	- The inversion-specific probes, as described in the product description, produce a signal at the designed length.	Test result	
	<ul> <li>The signal of the inversion-specific probes when tested with wild-type genomic DNA is &lt;5% of the peak height generated when tested with SALSA Binning DNA SD052.</li> </ul>		
	<ul> <li>The signal of the inversion-specific probes when tested with SALSA Binning DNA SD052 is at least 10% in peak height of the average probe signal of the 10 neighbouring probes.</li> </ul>	PASS	
	- The 105 nt chromosome Y specific control fragment generates a signal on SALSA Binning DNA SD052 which is similar (±20%) to the signal obtained on wild-type male genomic DNA.		
	- All SALSA MLPA Probemix P003-D1 MLH1/MSH2 probes, other than the inversion-specific probes, show normal signals, similar to the peak pattern obtained on wild-type genomic DNA.		

More information: www.mrcholland.com; www.mrcholland.eu	
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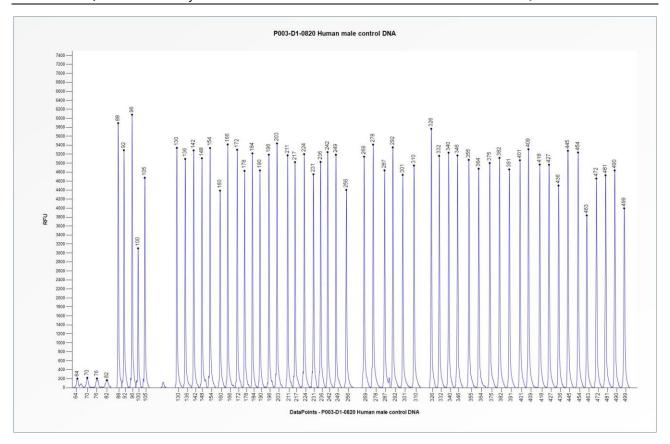


#### SALSA® MLPA®

# Certificate of Analysis SALSA® Binning DNA SD052 sample pictures



**Figure 1**. Capillary electrophoresis pattern from SALSA Binning DNA SD052-S01-1121 (approximately 50 ng) analysed with SALSA MLPA Probemix P003 MLH1/MSH2 (D1-0820). The location of the inversion-specific probes at 265 and 317 nt is indicated. Probe peak heights may vary between different lots of the P003-D1 probemix.



**Figure 2**. Capillary electrophoresis pattern from a sample of approximately 50 ng human male control DNA analysed with SALSA MLPA Probemix P003 MLH1/MSH2 (D1-0820). Probe peak heights may vary between different lots of the P003-D1 probemix.

### This lot was certified by MRC Holland on 20 January 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 - 27 January 2022 (05)

- Not applicable, new document.