




Certificate of Analysis

SALSA® Binning DNA SD052

Catalogue #	SD052
Product name	SALSA Binning DNA SD052
LOT	S01-1124
	6 reactions.
Shipping conditions	Dry ice or cooling elements.
	Store upon arrival between -25 °C and -15 °C.
	Expiry date: November 2029, 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	<ul style="list-style-type: none">- The inversion-specific probes, as described in the product description, produce a signal at the designed length.- The signal of the inversion-specific probes when tested with wild-type genomic DNA is <5% of the peak height generated when tested with SALSA Binning DNA SD052.- 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.- The 105 nt chromosome Y specific control fragment generates a signal on SALSA Binning DNA SD052 which is similar ($\pm 20\%$) 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 ($\pm 20\%$) to the peak pattern obtained on wild-type genomic DNA.
	Test result PASS

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SALSA® Binning DNA SD052 sample pictures

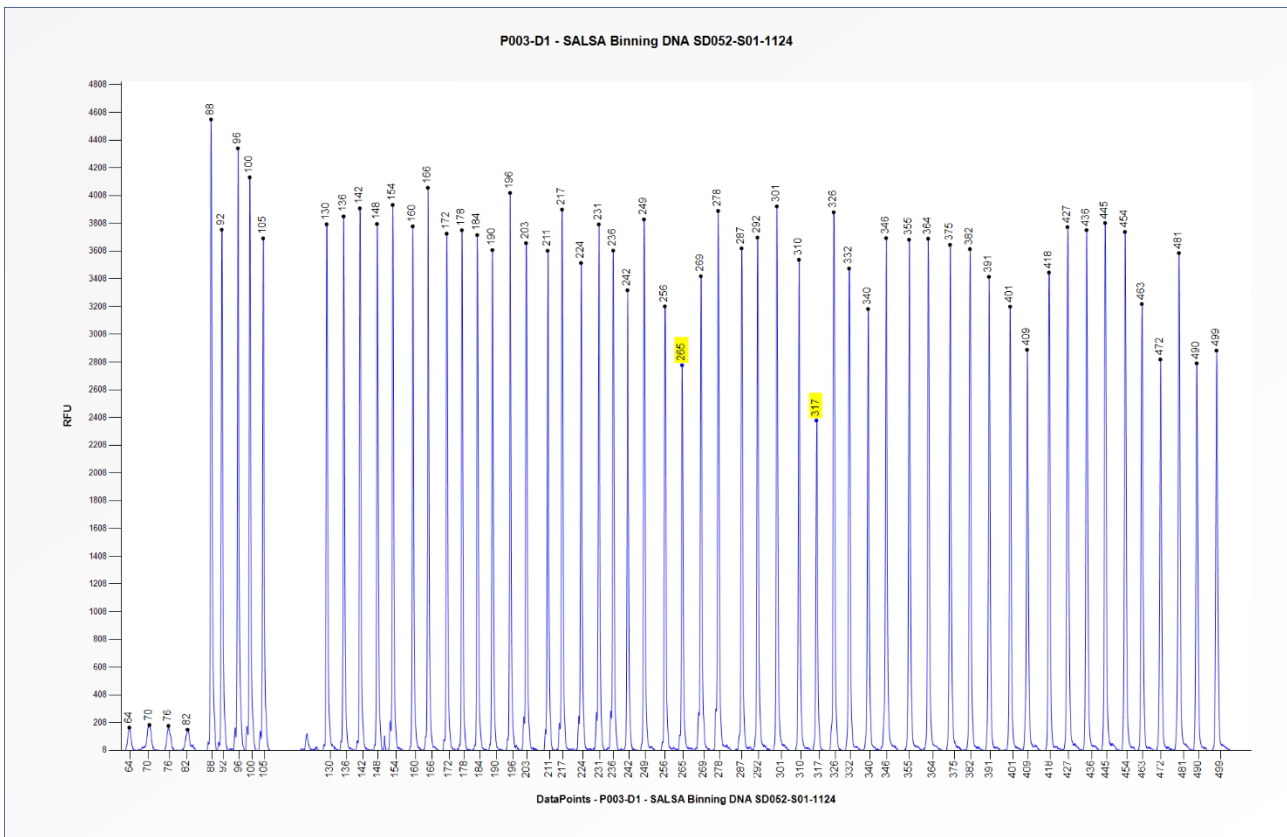


Figure 1. Capillary electrophoresis pattern from SALSA Binning DNA SD052-S01-1124 (approximately 50 ng) analysed with SALSA MLPA Probemix P003 MLH1/MSH2 (D1-0224). The location of the inversion-specific probes at 265 nt and 317 nt is indicated. Probe peak heights may vary between different lots of the P003-D1 probemix.

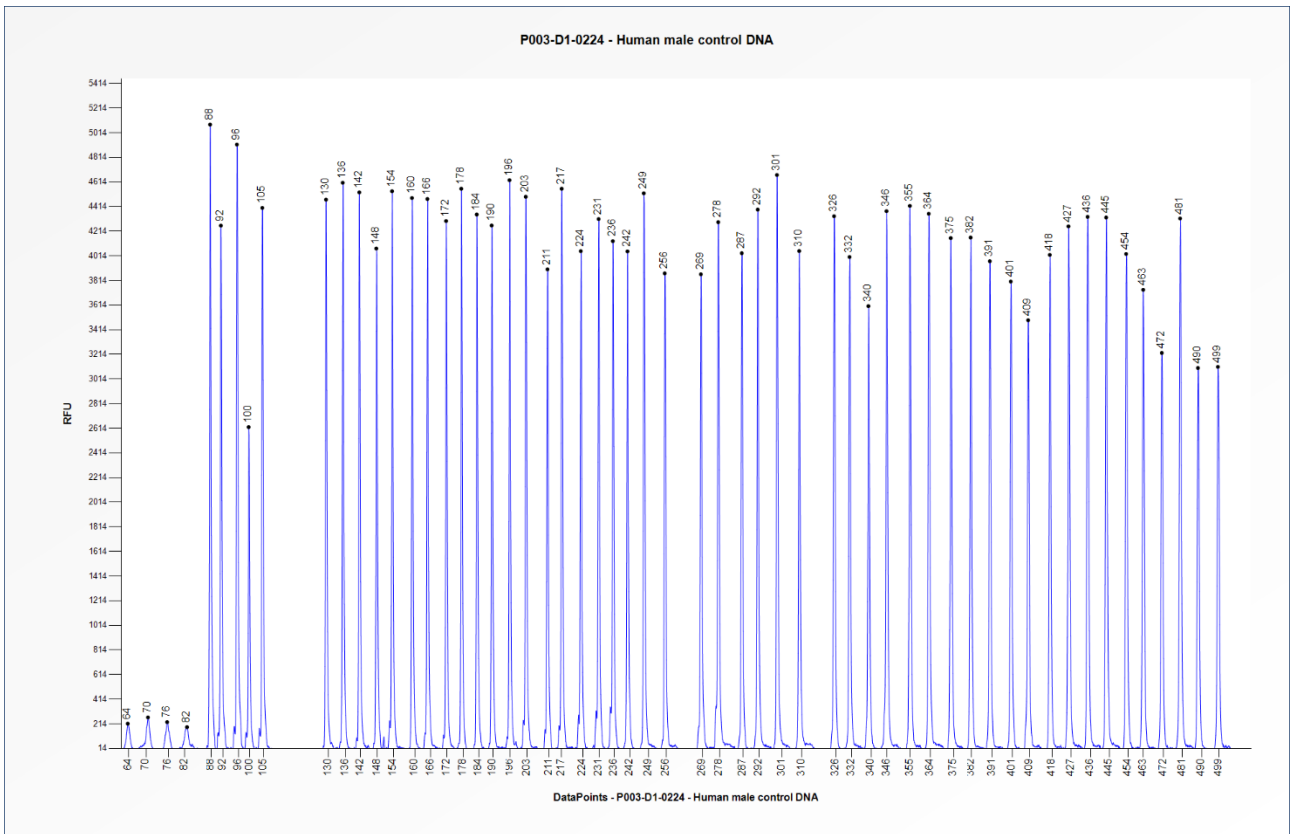


Figure 2. Capillary electrophoresis pattern from a sample of approximately 50 ng human male control DNA analysed with SALSA MLPA Probemix P003 MLH1/MSH2 (D1-0224). Probe peak heights may vary between different lots of the P003-D1 probemix.

This lot was certified by MRC Holland on 13 January 2025.

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
<p><i>Version 01- 17 January 2025 (05)</i> - Not applicable, new document.</p>