

### **SALSA®** MLPA®

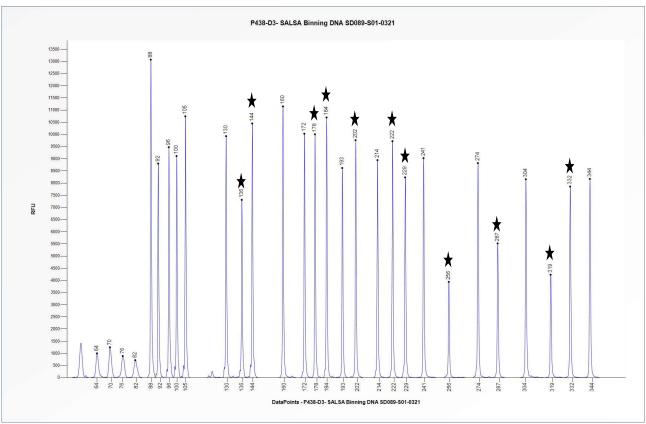
# Certificate of Analysis SALSA® Binning DNA SD089

Catalogue #	SD089	
Product name	SALSA Binning DNA SD089	
LOT	S01-0321	
Σ	6 reactions.	
Shipping conditions	Dry ice or cooling elements.	
1	Store upon arrival between -25 °C and -15 °C.	
	Expiry date: March 2026, when stored at recommended conditions.	
Purpose	To be used with SALSA MLPA Probemix P438-D3 Celiac Disease, 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 HLA-DQ allele-specific probes, as described in the product description, produce a signal at the designed length.	Test result
	- In samples negative for a specific HLA-DQ variant, the signal of the corresponding HLA-DQ allele-specific probes is <5% of the peak height generated when tested with SALSA Binning DNA SD089.	
	- The signal of the HLA-DQ allele-specific probes when tested with SALSA Binning DNA SD089 is at least 15% in peak height of the average probe signal of the reference probes.	
	- The 105 nt chromosome Y specific control fragment generates a signal on SALSA Binning DNA SD089 which is similar (±20%) to the signal obtained on male genomic DNA.	PASS
	- All reference probes in SALSA MLPA Probemix P438-D3 Celiac Disease probes show normal signals, similar (±20%) to the peak pattern obtained on genomic DNA.	
	- Concentration of SALSA Binning DNA SD089 is between 8.0 and 12.5 ng/μl.	

More information: www.mrcholland.com; www.mrcholland.eu	
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## Certificate of Analysis SALSA® Binning DNA SD089 sample picture



**Figure 1**. Capillary electrophoresis pattern from SALSA Binning DNA SD089-S01-0321 (approximately 50 ng) analysed with SALSA MLPA Probemix P438 Celiac Disease (D3-0921). The locations of the probes specific for HLA-DQ2.2, HLA-DQ2.5 and HLA-DQ8 are indicated. Probe peak heights may vary between different lots of the P438-D3 probemix.

### This lot was certified by MRC Holland on 04-August-2021.

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 - 13 October 2022 (05)

- Not applicable, new document.