

Certificate of Analysis

NXtec™ D028 Carrier Panel 1

Catalogue #	D028-025R, D028-050R, D028-100R , including SALSA® Sample DNA SD100	
Product name	NXtec D028 Carrier Panel 1	
 LOT	A1-1024	
	25, 50, or 100 reactions.	
Shipping conditions	Dry ice or cooling elements.	
	Expiration date: November 2030, when stored at recommended conditions.	
Quality control specifications	- Absence of non-specific interactions and completeness of hybridisation of each individual probe, as tested on MiSeq and NextSeq Illumina sequencers. - Standard deviation of ≤ 0.10 for all probes with the exception of SNP- and mutation-specific probes, when tested on >24 different DNA samples of healthy individuals, extracted by various methods. - Each individual probe meets reaction-specific criteria when tested on a single DNA sample under various experimental conditions. - Each individual probe is compatible (absence of non-specific interactions) with NXtec™ Barcode Plate 1, NXtec™ Barcode Plate 2, NXtec™ Barcode Plate 3 and NXtec™ Barcode Plate 4. - Probes tested on positive samples with verified genomic aberrations show the expected inter ratio.	Test result
		PASS

More information: www.mrcholland.com ; www.mrcholland.eu	
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This lot was certified by MRC Holland on 02 December 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
Version 02 – 30 September 2026 (04D) - Added reference to SD100, which is an integral part of NXtec D028 Carrier Panel 1. - COA adapted to a new template.
Version 01 – 09 February 2026 (03D) - Not applicable, new document.