



# Certificate of Analysis

## NXtec™ D001 Hereditary Cancer Panel 1

<b>Catalogue #</b>	<b>D001-025R, D001-050R, D001-100R</b>	
<b>Product name</b>	<b>NXtec D001 Hereditary Cancer Panel 1</b>	
<b>LOT</b>	<b>D1-0124</b>	
	25, 50, or 100 reactions.	
<b>Shipping conditions</b>	Dry ice or cooling elements.	
	Expiration date: January 2029, when stored at recommended conditions. This product should not be frozen/thawed more than 25 times.	
<b>Quality control specifications</b>	<ul style="list-style-type: none"> <li>- Absence of non-specific interactions and completeness of hybridisation of each individual probe, as tested on MiSeq and NextSeq Illumina sequencers.</li> <li>- Standard deviation of <math>\leq 0.10</math> for all probes with the exception of SNP- and mutation-specific probes, when tested on 40 different DNA samples of healthy individuals, extracted by various methods.</li> <li>- Each individual probe meets reaction-specific criteria when tested on a single DNA sample under various experimental conditions.</li> <li>- 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.</li> <li>- Probes tested on positive samples with verified genomic aberrations show the expected inter ratio.</li> </ul>	<b>Test result</b>
		PASS

<b>More information:</b> <a href="http://www.mrcholland.com">www.mrcholland.com</a> ; <a href="http://www.mrcholland.eu">www.mrcholland.eu</a>	
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<b>Phone</b>	+31 888 657 200

**This lot was certified by MRC Holland on 18 July 2024.**

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.

<b>Implemented changes in the COA</b>
Version 02 – 24 July 2024 (03D) - Product and barcode plates names were updated throughout the document from SALSA® digitalMLPA™ to NXtec.
Version 01 – 18 July 2024 (02D) - Not applicable, new document.