




Certificate of Analysis

NXtec™ D028 Carrier Panel 1

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| Catalogue # | D028-025R, D028-050R, D028-100R | |
| 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. This product should not be frozen/thawed more than 25 times. | |
| Quality control specifications | <ul style="list-style-type: none"> - 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 48 different DNA samples of healthy individuals from the same sex, 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 |

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| More information: www.mrcholland.com ; www.mrcholland.eu | |
|  | MRC Holland BV; Willem Schoutenstraat 1 1057 DL, Amsterdam, The Netherlands |
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| Phone | +31 888 657 200 |

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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 |
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| Version 01 – 09 February 2026 (03D) - Not applicable, new document. |