

Internal Control DNA

For research or further manufacturing use only

| | |
|---------------------|---------------|
| Catalog No: | MDX027 |
| Lot No: | GR037-B097680 |
| Storage Conditions: | -80°C |
| Component Lot No: | ICR6-121208A |
| Expiry date: | February 2023 |

Quality Control Parameters

Internal control designed to closely mimic test samples. Can be used to validate the extraction step and monitor any co-purification of PCR inhibitors

| Analysis | Specification | Result |
|------------|--|--------|
| Functional | <p>Quantitative PCR analysis comparing test and history internal control DNA.</p> <p><u>Pass Criteria:</u></p> <p>Test sample must amplify at a mean Ct of 29 ± 1.6. The difference between test and history is less than 1 Ct.</p> | Passed |

QA / QC Representative:



Paul McDermott

Date: 05 October 2021

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Control Mix 560

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| | |
|---------------------|---------------|
| Catalog No: | MDX027 |
| Lot No: | GR037-B097680 |
| Storage Conditions: | -80°C |
| Component Lot No: | CM560-121109A |
| Expiry date: | February 2023 |

Quality Control Parameters

Internal control designed to closely mimic test samples. Can be used to validate the extraction step and monitor any co-purification of PCR inhibitors

| Analysis | Specification | Result |
|------------|--|--------|
| Functional | Quantitative PCR analysis comparing test and history samples. <u>Pass Criteria:</u> Test sample must overlay the history sample with a difference between test and history of less than 1 Ct. | Passed |
| NTC Assay | Quantitative PCR analysis of test sample with a water control. <u>Pass Criteria:</u> Total positive samples must be less than 10% of the total NTC's run. Positive samples must have an average Ct value > 38. | Passed |

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