

**Glycerol-Free DNA Pol I Klenow
Fragment (HC)**

Cat. No. MDX208

Storage Conditions: -20 °C

Lot number: RD123L

Test Parameters

Analysis	Specification	Result
Functionality	<p>Klenow polymerase activity is measured in a unit determination assay against a reference standard curve of known enzyme concentration.</p> <p><u>Pass criteria:</u></p> <p>Activity must be 55 U/μL ± 10%</p>	<p>54.9 U/μL</p> <p>Passed</p>
Purity	<p>Purity determined by protein electrophoresis.</p>	<p>Passed</p>

Authorised by William Ferreira
R&D Team Leader





Test Release Document

Released:
Michele Amasio
Version: 01

Lyo-Ready™ Klenow Reaction Buffer, 5x

Cat. No. MDX208
Storage Conditions: -20 °C
Lot number: RD2231

Test Parameters

Analysis	Specification	Result
Functional	<p>Klenow polymerase activity is measured in a primer extension assay at a fixed enzyme concentration.</p> <p><u>Pass criteria:</u></p> <p>End fluorescence between the test and history buffer should be within $\pm 10\%$.</p>	Passed

Authorised by William Ferreira
R&D Team Leader