

**Glycerol-Free Thermostable
DNA Helicase (HC) 50 ng/μL**

Cat No.: MDX242
Storage Conditions: -20 °C
Lot number: RD124J

Test Parameters

Analysis	Specification	Result
Protein Concentration	Protein concentration is measured spectrophotometrically against known protein standards. <u>Pass Criteria:</u> Activity must be within +/- 20% of 50 ng/μL	56.8 ng/μl
Protein Purity	Determined by gel electrophoresis <u>Pass Criteria:</u> Purity must be ≥ 90%	Passed
Enzymatic activity	Activity is measured in a DNA unwinding assay against a reference standard curve of known enzyme concentration. <u>Pass Criteria:</u> The reaction rate of Test and History should be within ± 20%.	Passed

Authorised by William Ferreira
Team Leader R&D

