

## Glycerol-Free T7 RNA Polymerase (HC), 1000 U/μL

**Cat No.:** MDX201

**Storage Conditions:** -20 °C

**Lot number:** RD123D

### Test Parameters

Analysis	Specification	Result
Unit Activity	Activity is measured using a real-time <i>in vitro</i> transcription assay against a standard curve of known enzyme concentration.  <u>Pass Criteria:</u> Activity must be > 1000 U/μL	1051 U/μL

 Authorised by Michele Amasio  
 Sr. R&D Manager



**Lyo-Ready™  
Transcription Buffer, 5x**

Cat No.: MDX201

Storage Conditions: -20 °C

Lot number: RD223D

**Test Parameters**

Analysis	Specification	Result
Functional	<p>An <i>in vitro</i> transcription reaction is carried out in Lyo-Ready™ Transcription Buffer in the presence of T7 RNA Polymerase, NTPs and DNA fragment containing the T7 promoter sequence at 37°C for 2 hours.</p> <p><u>Pass Criteria:</u> Test and history should produce <math>\pm 10\%</math> yield of RNA</p>	Pass

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