

PRODUCT SPECIFICATION

Name	Diaphorase (DPR)
Code	HE200AE

RECEIVER INFORMATION

Storage Temperature	Below -20° C (up to 18 Months)
Storage Notes	N/A

PRODUCT INFORMATION

EC Number	1.6.5.2
Activity	≥160U/mg
Molecular Weight	~26kDa
Michaelis constant	2.2 × 10 ⁻⁴ M (NADH)
Optimum pH	7.0
pH Stability	5.0-11.0
Optimum Temperature	More than 60 °C
Heated Characters	Below 70 °C
Inhibitor	Not inhibited by sodium azide
Unit Definition	One unit is defined as the amount of enzyme which oxidized 1 μ mol of NADH to NAD ⁺ per minute at 37 °C (pH7.0).
Reconstitution Advice	Adding FMN helped stabilize enzyme activity

HEALTH AND SAFETY

Warning	For in-vitro use and research or further processing only.
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