

DATA SHEET

OmniStar™ Hot Start Taq DNA Polymerase

DESCRIPTION

OmniStar™ Hot Start DNA Polymerase is an optimised mixture of an affinity-purified Taq DNA Polymerase and Hot Start Taq Antibody that provides an antibody-mediated hot start.

CONCENTRATION

5 units/ μ l

PACKAGING

OmniStar™ Taq DNA Polymerase is supplied with 10x reaction buffer including $MgCl_2$ or with 10x reaction buffer without $MgCl_2$ plus a separate tube of $MgCl_2$. Shipped on ice.

REACTION BUFFER

160 mM $(NH_4)_2 SO_4$, 670 mM Tris-HCL at PH 8.8 [at 25°C], 15 mM $MgCl_2$, 0,1% Tween 20

STORAGE BUFFER

10 mM K-phosphate buffer pH 7.0, 100 mM NaCl, 0.5 mM EDTA, 1 mM DTT, 0.1% Tween 20, 50% glycerol (v/v).

STORAGE

-20 °C

FOR RESEARCH USE ONLY.