Reagents Supplied:
5X OneTaq GC Reaction Buffer 4 x 2.0 ml
OneTaq High GC Enhancer 4 x 2.0 ml

Reaction Conditions: 1X OneTaq GC Reaction Buffer, 10–20% OneTaq High GC Enhancer (optional), DNA template, primers, 200 μM dNTPs (not included) and 1.25 units of OneTaq or OneTaq Hot Start DNA Polymerase (not included) in a total reaction volume of 50 μl.

1X OneTaq GC Reaction Buffer:
80 mM Tris·SO₄ (pH 9.2 @ 25°C)
2 mM MgSO₄
20 mM (NH₄)₂SO₄
5% Glycerol
5% DMSO
0.06% IGEPA® CA-630
0.05% Tween® 20

OneTaq High GC Enhancer:
10 mM Tris·HCl (pH 9.2 @ 25°C)
25% DMSO
25% Glycerol

Quality Assurance
The reaction buffer and supplement are free of detectable nucleases.

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