

Protocol for Using the Touchdown Program on ThermoHybaid PCR*Express*

TCH 8/31/01

DEFAULT PROGRAM: A: 01 TD

Stage 1: 95⁰C x 2 min x 1 cycle

Stage 2: 92⁰C x 20 sec
68⁰C x 30 sec ---Decreasing 1⁰C/cycle (variable)
70⁰C x 40 sec (or ~1.0 kb/min) x 12 cycles

(To change the starting temp and/or decrease rate, press Continue and use arrow keys to select/make change)

Stage 3: 92⁰C x 20 sec
55⁰C x 30 sec
70⁰C x 40 sec (or ~1.0kb/min) x 25 cycles (variable)

Stage 4: 70⁰C x 5 min x 1 cycle