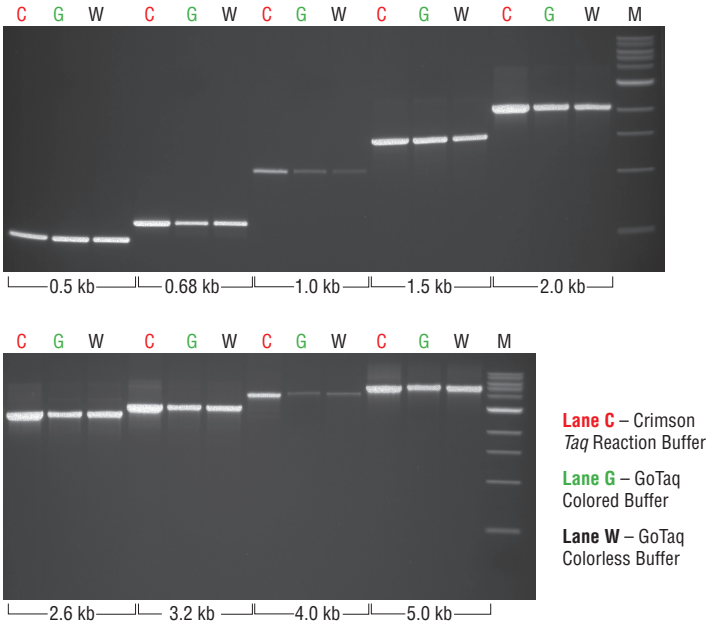
All online orders receive a 10% discount and free shipping

Crimson™ Taq DNA Polymerase

Crimson Taq DNA Polymerase provides a convenient format for Taq users and is ideal for high throughput applications. Crimson Taq Reaction Buffer has been optimized for robust amplification, and contains a density reagent that allows samples to be loaded directly onto a gel for convenience. In addition, it contains trace amounts of a red dye, which serves as an indicator for homogenous reaction setup, a color aid in gel loading and a tracking dye which migrates at about 10 bp on a 1% TBE gel. It is also available with a Magnesium-free Reaction Buffer for optimization of PCR reactions.

Comparison of NEB's Crimson Taq and Promega's GoTaq



Lane C – Crimson *Taq* Reaction Buffer

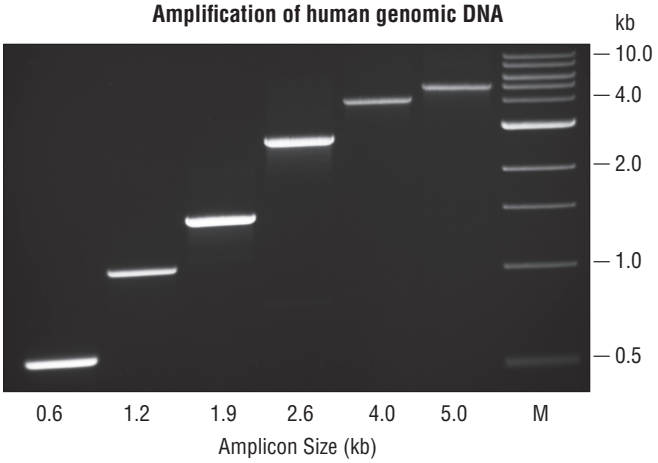
Lane G – GoTaq Colored Buffer

Lane W – GoTaq Colorless Buffer

PCR amplification using Crimson Taq DNA polymerase (NEB) and GoTaq™ DNA polymerase (Promega). Equal amount of Taq polymerase (2.5 U) was used in a 50 µl PCR reaction. Approximately 100 ng Jurkat genomic DNA (NEB #N4001) was used to amplify specific targets ranging from 0.5 kb to 4.0 kb. Approximately 10 pg lambda DNA was used to amplify a 5.0 kb fragment. After 30 cycles using conditions specified by the manufacturers, an equal volume was analyzed on a 1% TBE agarose gel. The marker lane is 1 kb DNA ladder (NEB #N3232).

- **Highly Economical**
- **Robust and reliable reactions**
- **Samples can be loaded directly on gel**
- **Ideal for high throughput applications**

Amplification of human genomic DNA



Choose Crimson Taq DNA Polymerase for robust reactions in a convenient format. Amplicon sizes are indicated below gel. Marker M is the 1 kb DNA Ladder (NEB #N3232).



Crimson Taq DNA Polymerase offers the convenience of loading samples directly onto a gel.

Special Introductory Prices Until August 30th, 2008 For University of Toronto MedStore

Crimson™ Taq DNA Polymerase

Catalog #	Size	Concentration	$Cdn
M0324S	200 Units		$28.14
M0324L	1,000 Units		$111.63

Crimson™ Taq DNA Polymerase with Mg^{+2}-Free Buffer

Catalog #	Size	Concentration	$Cdn
M0325S	200 Units		$28.14
M0325L	1,000 Units		$111.63