

P R O D U C T R E V I E W

DNA Ligation in 5 Minutes at Room Temperature!

EPICENTRE's Fast-Link™ DNA Ligation kits are specially formulated to provide fast and efficient DNA ligations in as little as 5 minutes at room temperature for both routine and high throughput cloning.

Fast and Efficient DNA Ligations.

- Ligate cohesive-end DNA in 5 minutes at room temperature.
- Ligate blunt-end DNA in 15 minutes at room temperature.
- Ligate PCR product with A-overhangs in 1 hour or less at 16°C.

Transform Cells Without Desalting the Ligation Reaction.

Desalting the Fast-Link DNA ligation reaction prior to electroporation of competent cells is not necessary. Aliquots (1 - 2 µl) of a Fast-Link ligation reaction may be used directly in electroporation.

Lab Tested...Scientist-approved.

Visit www.biowire.com and search for "Fast-Link" to view unsolicited comments from users of EPICENTRE's Fast-Link DNA Ligation Kit.

Table 1. Fast-Link Representative Results.

	Ligation Time	% White Colonies	Recombinants per µg DNA
Overhang	5 min.	93	2.0 x 10 ⁶
Blunt	5 min.	71	4.4 x 10 ⁵
PCR product	1 hr.	68	1.2 x 10 ⁴

Fast-Link™ DNA Ligation Kits

NEW! LK0750H 50 ligations
LK6201H 100 ligations
Includes Fast-Link™ DNA Ligase, Fast-Link™ 10X Ligation Buffer, ATP

www.epicentre.com/catalog/fastlink.htm

Do you need high efficiency electrocompetent *E. coli* for your cloning work? See p. 13 for information on EPICENTRE's new TransforMax™ EC100™ Electrocompetent *E. coli*.

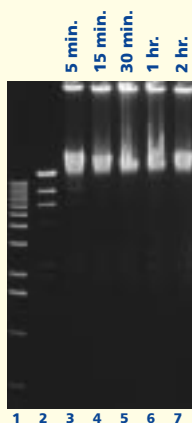


Figure 1. Time course for cohesive-end ligation using the Fast-Link™ Kit. Lambda *Hind* III markers were ligated in a standard Fast-Link reaction using 2 U of Fast-Link DNA Ligase (Lanes 3-7). Lane 1, 1 kb ladder; Lane 2, no enzyme.

EPICENTRE

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EPICENTRE FORUM

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