MAY 22, 2018

OPEN ACCESS

DOI:
[dx.doi.org/10.17504/protocols.io.p99dr96](https://doi.org/10.17504/protocols.io.p99dr96)

External link:
<https://doi.org/10.1371/journal.pone.0200688>

Protocol Citation: Yuan Yao 2018. Assay of topoisomerase I activity. **protocols.io**
<https://dx.doi.org/10.17504/protocols.io.p99dr96>

MANUSCRIPT CITATION:
 Yao Y, Ma Y, Chen X, Bade R, Lv C, Zhu R (2018) Absence of RstA results in delayed initiation of DNA replication in *Escherichia coli*. PLoS ONE 13(7): e0200688. doi: [10.1371/journal.pone.0200688](https://doi.org/10.1371/journal.pone.0200688)

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Protocol status: Working
 We use this protocol and it's working

Assay of topoisomerase I activity

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ATTACHMENTS

[Topoisomerase Assays Protocols.pdf](#)

MATERIALS

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- ⊗ Topoisomerase I (E.coli) - 500 units **New England Biolabs Catalog #M0301L**
- ⊗ pUC18 **addgene Catalog #50004**
- ⊗ 6X Blue Loading Dye **Gold Biotechnology Catalog #L002**

Created: May 22, 2018

Last Modified: May 22, 2018

PROTOCOL integer ID:
12321

Keywords: Assay of
Topoisomerase I activity

Add 2 μ l of 10 $\times$ topoisomerase I reaction buffer and 400 ng ...

1

Add various amounts of purified RstA or one unit E. coli top..

2

Add 4 μ l of 6 $\times$ loading dye to each tube and load contents o...

3

Stain gel with ethidium bromide, destain briefly with water;

4

Photograph the gel illuminated with a UV transilluminator.

5