Human Topoisomerase I Buffers



Product Description (Product Numbers HTA101 and HTD102)

For use with human topoisomerase I enzyme and overexpressed cell extracts containing human topoisomerase I.

Store at -80 °C.

For *in vitro* laboratory research use only.

Dilution Buffer

10 mM Tris.HCl (pH 7.5) 1 mM DTT 1 mM EDTA 50 % (v/v) glycerol 100 μg/ml albumin

Assay Buffer (supplied as 10X stock)

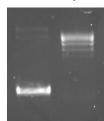
20 mM Tris.HCl (pH7.5) 200 mM NaCl 0.25 mM EDTA 5 % glycerol 50 µg/ml albumin

Relaxation Assay

1 U of topoisomerase I will relax 0.5 μg of supercoiled pBR322 when incubated in Assay Buffer in a total reaction volume of 30 μl at 37 °C for 30 minutes.

Gels are run in the absence of ethidium bromide or chloroquine.





Relaxed topoisomers

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