

Human Topoisomerase I Buffers



Product Description (Product Numbers HT001 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 % (v/v) glycerol

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.

