

Human Topoisomerase II Assay Kit For Cell Extracts



Product Description (Product Numbers HDAK1, HDAK2 and HDAK5)

The kit is designed for the detection of human topo II.
Store at - 20 °C.

For *in vitro* laboratory research use only.

Dilution Buffer

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

Assay Buffer (supplied as 10X stock)

50 mM Tris.HCl (pH7.5)
125 mM NaCl
10 mM MgCl₂
5 mM DTT
100 µg/ml albumin

ATP (30X stock)

30 mM ATP

Decatenation Assay

A typical reaction will contain 3 µl of (10x) Assay Buffer, 1 µl of (30x) ATP, 2 µl of kDNA (100 ng/µl) plus sample containing human topo II, in a total volume of 30 µl.

Gels can be run in the presence or absence of ethidium bromide or chloroquine (CQ).

