



READY-TO-USE APOPTOSIS INDUCER SET

Catalog Number: 110-BV-ISET **Lot no.:** 4041

Description: Contains 5 ready-to-use chemical reagents that induce apoptosis through different mechanisms. Actinomycin D, an antineoplastic antibiotic, inhibits RNA synthesis. Camptothecin, an inhibitor of nuclear topoisomerase, induces apoptosis in many types of cells. Cycloheximide, an active antibiotic against many yeast and fungi, inhibits protein synthesis. Dexamethasone, an active and highly stable glucocorticoid, probably induces apoptosis by binding and activating the intracellular glucocorticoid receptor. Etoposide, a derivative of podophyllotoxin, inhibits topoisomerase activity.

PACKAGE CONTENTS:

- 50 µl Actinomycin D (10 mM)
- 1 ml Camptothecin (2 mM)
- 100 µl Cycloheximide (100 mM)
- 1 ml Dexamethasone (10 mM)
- 100 µl Etoposide (100 mM)

Stability: This reagent set should be kept at -20 °C for both short term or longer term storage. The shelf life is 3 months from date of dispatch. Shipping is at 4 °C.

Recommended usage: 1000X dilutions are recommended for inducing apoptosis in cell cultures (e.g., Add 1 µl to 1 ml culture medium). The optimal doses may vary for different cells and culture conditions. **This ImmunoKontakt product is offered for research use. Not for human use.**

References:

1. Onishi, Y., et al. (1993) *Biochem. Biophys. Acta* 1175:147-154.
2. Fearnhead, H.O., et al. (1994) *Biochem. Pharmacol.* 48:1073-1079.
3. Martin, S.J., et al. (1995) *J. Exp. Med.* 182:1545-1556.
4. Nicholson, D.W., et al. (1995) *Nature* 376:37-40.
5. Suzuki, A. and M. Keto (1996) *Exp. Cell. Res.* 227:154-163.

Related products:

1. Annexin V-FITC, -Cy3, and -EGFP Apoptosis Detection Kits
2. Bulk Annexin V-FITC, -Cy3, -EGFP, -Biotin & -Unlabelled
3. Caspase-1,-2,-3,-5,-6,-8,-9 Fluorometric & Colorimetric Kits
4. Active Recombinant Human Caspase-3,-9 and Assay Sets
5. Ready-to-use Caspase Inhibitors and Sets
6. Ready-to-use Caspase Substrates and Sets
7. Ready-to-use Cell Lysates, Induced and Uninduced
8. PARP Monoclonal Antibody (C-2-10)
9. Antibodies against Caspases and Bcl-2 Family Proteins (Many)
10. Quick Apoptotic DNA Ladder Detection Kit
11. *In Situ* DNA Fragmentation Assay Kit
12. Ready-to-use Apoptosis Inducers and Set

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13.Quick Cell Proliferation Assay Kit

14.Cell-Staining Kit

For Research Use Only. Not For Diagnostic or Therapeutic Use.

Conditions: The information disclosed herein is not be construed as a recommendation to use the above product in violation of any patents. ImmunoKontakt will not be held responsible for patent infringement or other violations that may occur with the use of our products.

Rev. 04/00

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