abcam

Product datasheet

# Apoptosis Inducer Kit (Ready-to-use) ab102480

## 5 References

### Overview

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| **Product name** | Apoptosis Inducer Kit (Ready-to-use) |
| **Sample type** | Adherent cells, Suspension cells |
| **Assay type** | Direct |
| **Product overview** | Apoptosis Inducer Kit (ab102480) 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.<br>Visit our **FAQs page** for tips and troubleshooting. |
| **Notes** | This product is manufactured by BioVision, an Abcam company and was previously called K121 Ready-to-use Apoptosis Inducer Set. K121-5 is the same size as the 5 test size of ab102480. |

### Properties

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| **Storage instructions** | Store at -20°C. Please refer to protocols. |

| Components | 5 tests |
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| Actinomycin D 10mM | 1 x 50µl |
| Camptothecin 2mM | 1 x 1ml |
| Cycloheximide 100mM | 1 x 1ml |
| Dexamethasone 10mM | 1 x 1ml |
| Etoposide 100mM | 1 x 100µl |

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| **Relevance** | Apoptosis Inducers are chemical reagents that induce apoptosis through various mechanisms. |

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