



碧云天生物技术/Beyotime Biotechnology
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TUNEL检测阳性对照制备试剂盒

| 产品编号 | 产品名称 | 包装 |
|-------|------------------|-----|
| C1082 | TUNEL检测阳性对照制备试剂盒 | 10次 |

产品简介:

- 碧云天生产的TUNEL检测阳性对照制备试剂盒可以用于TUNEL检测阳性对照的制备, 制备后的阳性对照可以用于一步法TUNEL细胞凋亡检测试剂盒(C1086/C1088)的荧光, 也可以用于显色法TUNEL细胞凋亡检测试剂盒(C1091/C1098)的显色检测。
- DNase I可以剪切基因组DNA, 使基因组DNA产生片段化(fragmentation)。基因组被片段化的细胞在用TUNEL法检查时会呈阳性染色。
- 本试剂盒足够制备10个阳性对照。

包装清单:

| 产品编号 | 产品名称 | 包装 |
|---------|-----------------------|-------|
| C1082-1 | DNase I | 10μl |
| C1082-2 | Reaction Buffer (10X) | 200μl |
| — | 说明书 | 1份 |

保存条件:

-20°C保存。

注意事项:

- 需自备用于TUNEL检测的组织切片、或培养细胞的片子。需自备TUNEL检测试剂盒。
- 本产品仅限于专业人员的科学研究用, 不得用于临床诊断或治疗, 不得用于食品或药品, 不得存放于普通住宅内。
- 为了您的安全和健康, 请穿实验服并戴一次性手套操作。

使用说明:

1. 参考TUNEL检测试剂盒的相关说明, 把培养细胞或组织切片处理至进行荧光标记或生物素标记之前的一个步骤。
2. 用双蒸水或MilliQ级纯水稀释适量Reaction Buffer至1X。
3. 在样品上滴加50-100微升1X Reaction Buffer, 室温孵育5分钟。
4. 离心沉淀DNase I。在100微升1X Reaction Buffer中精确加入1微升DNase I, 混匀, 滴加到样品上。
5. 室温(25°C)孵育10分钟。如果室温稍低于25°C, 可以适当延长孵育时间; 反之如果室温稍高于25°C, 可以适当缩短孵育时间。
6. 用PBS或HBSS洗涤3次。
7. 随后参考TUNEL检测试剂盒进行荧光标记或生物素标记。

使用本产品的文献:

1. Ge X, Hua H, Wang P, Liu J, Zhang Y, Ding G, Zhu C, Huang S, Jia Z, Zhang A. Inhibition of mitochondrial complex I by rotenone protects against acetaminophen-induced liver injury. *Am J Transl Res.* 2019 Jan 15;11(1):188-198. eCollection 2019.
2. Li J, Du H, Zhang M, Zhang Z, Teng F, Zhao Y, Zhang W, Yu Y, Feng L, Cui X, Zhang M, Lu T, Guan F, Chen L. Amorphous solid dispersion of Berberine mitigates apoptosis via iPLA2β/Cardiolipin/Opa1 pathway in db/db mice and in Palmitate-treated MIN6 β-cells. *Int J Biol Sci.* 2019 Jun 2;15(7):1533-1545.
3. He X, Zhu Y, Zhang Y, Geng Y, Gong J, Geng J, Zhang P, Zhang X, Liu N, Peng Y, Wang C, Wang Y, Liu X, Wan L, Gong F, Wei C, Zhong H. RNF34 functions in immunity and selective mitophagy by targeting MAVS for autophagic degradation. *EMBO J.* 2019 Jul 15;38(14):e100978.
4. Liu Q, Fang J, Chen P, Die Y, Wang J, Liu Z, Liu X. Chicoric acid improves neuron survival against inflammation by promoting mitochondrial function and energy metabolism. *Food Funct.* 2019 Sep 1;10(9):6157-6169.
5. Xu G, Shen H, Nibona E, Wu K, Ke X, Al Hafiz MA, Liang X, Zhong X, Zhou Q, Qi C, Zhao H. Fundc1 is necessary for proper body axis formation during embryogenesis in zebrafish. *SCI REP-UK.* 2019 Dec 11;9(1):18910.
6. Du F, Bai L, He M, Zhang WY, Gu YY, Yin H, Liu YJ. Design, synthesis and biological evaluation of iridium(III) complexes as potential antitumor agents. *J Inorg Biochem.* 2019 Dec;201:110822.
7. Tao Shu-Ya, Zhang Qiu-Yang, Li Jing-Jing, Yao Jin, Yan Biao. Suppression of pathological ocular neovascularization by a small molecule, SU1498. *Biomed Pharmacother.* 2020 Aug;128:110248.
8. Fang Li, Jie Zhang, Rui Liao, Yongchun Duan, Lili Tao, Yuwei Xu, Anbao Chen. Mesenchymal stem cell-derived extracellular vesicles prevent neural stem cell hypoxia injury via promoting miR-210-3p expression. *Mol Med Rep.* 2020 Nov;22(5):3813-3821.

9. Jinghui Zhai, Huan Gao, Shuo Wang, Sixi Zhang, Xiaoyu Qu, Yueming Zhang, Lina Tao, Jingmeng Sun, Yanqing Song, Li Fu. Ginsenoside Rg3 attenuates cisplatin-induced kidney injury through inhibition of apoptosis and autophagy-inhibited NLRP3. *J Biochem Mol Toxicol*. 2021 Nov;35(11):e22896.
10. Kai Meng, Chengbo Fang. Knockdown of Tripartite motif-containing 22 (TRIM22)relieved the apoptosis of lens epithelial cells by suppressing the expression of TNF receptor-associated factor 6 (TRAF6). *Bioengineered*. 2021 Dec;12(1):7213-7222.
11. Yuanyang Li, Yufan Zhang, Xiangzhong Zhou, Xianghong Lei, Xinhang Li, Liping Wei. Dynamic observation of 5-fluorouracil-induced myocardial injury and mitochondrial autophagy in aging rats. *Exp Ther Med*. 2021 Dec;22(6):1451.

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