



碧云天生物技术/Beyotime Biotechnology
订货热线: 400-168-3301或800-8283301
订货e-mail: order@beyotime.com
技术咨询: info@beyotime.com
网址: http://www.beyotime.com

Trypan blue

产品编号	产品名称	包装
ST798	Trypan blue	1g

产品简介:

- Trypan blue也称Direct blue 14, 中文名为台盼蓝。分子式为 $C_{34}H_{24}N_6Na_4O_{14}S_4$, 分子量为960.81, CAS Number 72-57-1, Cell culture tested, Dye content ~40%。进口分装。
- 本产品为深棕色粉末。
- 常用于细胞死活的检测(cell viability assay)。
- 溶于水, 可以配制成10mg/ml的水溶液, 水溶液呈深蓝色。

包装清单:

产品编号	产品名称	包装
ST798	Trypan blue	1g
—	说明书	1份

保存条件:

室温保存。

注意事项:

- 本产品对人体有毒, 操作时请特别小心, 并注意有效防护以避免直接接触人体或吸入体内。
- 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。

使用本产品的文献:

1. Chang Y, Yang ST, Liu JH, Dong E, Wang Y, Cao A, Liu Y, Wang H. In vitro toxicity evaluation of graphene oxide on A549 cells. Toxicol Lett. 2011 Feb 5;200(3):201-10.
2. Huang P, Pandoli O, Wang XS, Wang Z, Li ZM, Zhang CL, Chen F, Lin J, DX Cui, Chen XY. Chiral guanosine 5'-monophosphate-capped gold nanoflowers: Controllable synthesis, characterization, surface-enhanced Raman scattering activity, cellular imaging and photothermal therapy. NANO RESEARCH. 2012 Sep;5(9):630-9.
3. Wu L, Chen SX, Jiang XG, Fu XL, Shen YJ, Cao JP. Separation and purification of Toxoplasma gondii tachyzoites from in vitro and in vivo culturesystems. Exp Parasitol. 2012 Jan;130(1):91-4.
4. Shen XC, Tao L, Li WK, Zhang YY, Luo H, Xia YY. Evidence-based antioxidant activity of the essential oil from Fructus A. zerumbet on cultured human umbilicalvein endothelial cells' injury induced by ox-LDL. BMC Complement Altern Med. 2012 Oct 7;12:174.
5. Yang YH, Chen K, Li B, Chen JW, Zheng XF, Wang YR, Jiang SD, Jiang LS. Estradiol inhibits osteoblast apoptosis via promotion of autophagy through the ER-ERK-mTOR pathway. Apoptosis. 2013 Nov;18(11):1363-75.
6. He Y, Zhou JW, Xu L, Gong MJ, He TC, Bi Y. Comparison of proliferation and differentiation potential between mouse primary hepatocytes and embryonichepatic progenitor cells in vitro. Int J Mol Med. 2013 Aug;32(2):476-84.
7. Shen J, Wang J, Shao YR, He DK, Zhang L, Nadeem L, Xu G. Adenovirus-delivered angiopoietin-1 treatment for phosgene-induced acute lung injury. Inhal Toxicol. 2013 Apr;25(5):272-9.
8. Liu Z, Gao X, Kang T, Jiang M, Miao D, Gu G, Hu Q, Song Q, Yao L, Tu Y, Chen H, Jiang X, Chen J. B6 Peptide-Modified PEG-PLA Nanoparticles for Enhanced Brain Delivery of Neuroprotective Peptide. Bioconj Chem. 2013 Jun 19;24(6):997-1007.
9. Liu Z, Jiang M, Kang T, Miao D, Gu G, Song Q, Yao L, Hu Q, Tu Y, Pang Z, Chen H, Jiang X, Gao X, Chen J. Lactoferrin-modified PEG-co-PCL nanoparticles for enhanced brain delivery of NAP peptide following intranasal administration. Biomaterials. 2013 May;34(15):3870-81.
10. Xia H, Gu G, Hu Q, Liu Z, Jiang M, Kang T, Miao D, Song Q, Yao L, Tu Y, Chen H, Gao X, Chen J. Activatable cell penetrating peptide-conjugated nanoparticles with enhanced permeability for site-specific targeting delivery of anticancer drug. Bioconj Chem. 2013 Mar 20;24(3):419-30.
11. Jie Q, Tang Y, Deng Y, Li Y, Shi Y, Gao C, Xing M, Wang D, Liu L, Yao P. Bilirubin participates in protecting of heme oxygenase-1 induction by quercetin against ethanol hepatotoxicity in cultured rat hepatocytes. Alcohol. 2013 Mar;47(2):141-8.
12. Chen Y, Wang G, Liu Z, Wang S, Wang Y. Glucocorticoids regulate the proliferation of T cells via miRNA-155 in septic shock. Exp Ther Med. 2016 Dec;12(6):3723-3728.