

Triton X-100 溶液(1%)

产品简介:

Triton X-100 又称曲拉通 100 或聚乙二醇辛基苯基醚, 是一种非离子型表面活性剂 (或称去污剂), 分子量为 646.86, CAS 号为 9002-93-1, 它能溶解脂质, 以增加抗体对细胞膜的通透性, 免疫细胞化学中 Triton X-100 常用浓度为 1% 和 0.3%, 其中 1% 的 Triton X-100 常用于漂洗组织标本, 0.3% 的 Triton X-100 则常用于稀释血清, 0.1% 的 Triton X-100 常用于 LAMP (环介导等温扩增), 配制 BSA 等; 但通常是先配制成 10-30% 的 Triton X-100 储备液, 临用时稀释至所需浓度。

Leagene Triton X-100 溶液(1%) 主要由 Triton X-100、去离子水等组成, 未经无菌处理, 常用作去污剂或破膜剂。该试剂仅用于科研领域, 不宜用于临床诊断或其他用途。

产品组成:

名称 \ 编号	编号	Storage
	R00280	
Triton X-100 溶液(1%)	100ml	RT
使用说明书	1 份	

操作步骤(仅供参考):

- 1、按实验具体要求操作。

注意事项:

- 1、温度较冷时, 有可能产生絮状无或者结晶, 应 25 ~ 37°C 温浴至完全溶解。
- 2、试剂开封后请尽快使用, 以防影响后续实验效果。

有效期: 6 个月有效。

相关产品:

产品编号	产品名称
DC0032	Masson 三色染色液
DF0135	组织细胞固定液(4% PFA)
NR0001	DEPC 处理水(0.1%)
TC0699	植物总糖和还原糖检测试剂盒(DNS 比色法)
TC1167	尿素(Urea)检测试剂盒(脲酶波氏比色法)

文献引用:

- 1、Xuan Li,Xinxin Luo,Ye He,et al.Micronano Titanium Accelerates Mesenchymal Stem Cells Aging through the Activation of Senescence-Associated Secretory Phenotype.ACS Nano. November 2023.10.1021/acsnano.3c07807.(IF 17.1)
- 2、Xuan Li,Kun Xu,Ye He,et al.ROS-responsive hydrogel coating modified titanium promotes vascularization and osteointegration of bone defects by orchestrating immunomodulation.BIOMATERIALS.July 2022.10.1016/j.biomaterials.2022.121683.(IF 15.304)
- 3、Zhongwei Yuan,Jun Wang,Qianwei Qu,et al.Celastrol Combats Methicillin-Resistant Staphylococcus aureus by Targeting Δ 1-Pyrroline-5-Carboxylate Dehydrogenase.Advanced Science.June 2023.10.1002/adv.202302459.(IF 15.1)
- 4、Wei Tian,Jiatong Li,Zhuo Wang,et al.HYD-PEP06 suppresses hepatocellular carcinoma metastasis,epithelial – mesenchymal transition and cancer stem cell-like properties by inhibiting PI3K/AKT and WNT/ β -catenin signaling activation.Acta Pharmaceutica Sinica B.April 2021.10.1016/j.apsb.2021.03.040.(IF 11.614)
- 5、Chaoying Ding,Junmei Liang,Zhou Zhou,et al.Photothermal enhanced enzymatic activity of lipase covalently immobilized on functionalized Ti3C2TX nanosheets.CHEMICAL ENGINEERING JOURNAL.July 2019.10.1016/j.cej.2019.122205.(IF 8.355)
- 6、Yi Wu,Xuan Li,Shaopeng Liu,et al.Modified implant with dual functions of antioxidant and extracellular matrix reconstruction for regulating MSCs senescence.Applied Materials Today.September 2024.10.1016/j.apmt.2024.102420.(IF 7.2)
- 7、Zushi Geng,Yinzhen Huang,Shuang Wu,et al.FUT8-AS1/miR-944/Fused in Sarcoma/Transcription Factor 4 Feedback Loop Participates in the Development of Oral Squamous Cell Carcinoma through Activation of Wnt/ β -Catenin Signaling Pathway.AMERICAN JOURNAL OF PATHOLOGY.January 2023.10.1016/j.ajpath.2022.10.010.(IF 6)
- 8、Jingjing Tian,Yihui Du,Binbin Wang,et al.Hif1 α /Dhrs3a Pathway Participates in Lipid Droplet Accumulation via Retinol and Ppar- γ in Fish Hepatocytes.INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES.June 2023.10.3390/ijms241210236.(IF 5.6)
- 9、Xia Zheng,Jie Shao,Jun Qian,et al.circRPS19 affects HK2- mediated aerobic glycolysis and cell viability via the miR-125a-5p/USP7 pathway in gastric cancer.INTERNATIONAL JOURNAL OF ONCOLOGY.July 2023.10.3892/ijo.2023.5546.(IF 5.2)
- 10、Wei Du,David Machalz,Qi Yan,et al.Importance of asparagine-381 and arginine-487 for substrate recognition in CYP4Z1.BIOCHEMICAL PHARMACOLOGY.February 2020.10.1016/j.bcp.2020.113850.(IF 4.96)
- 11、Sangeeta Shrestha Sharma,Shishir Sharma,Jie Zhao,et al.Mutual Influence of Human Cytochrome P450 Enzymes and UDP-Glucuronosyltransferases on Their Respective Activities in Recombinant Fission Yeast.Biomedicines.January 2023.10.3390/biomedicines11020281.(IF 4.7)
- 12、Shu Jiaping,Jiang Li,Wang Ren,et al.Exosomal MiR-653-3p Alleviates Hypoxic-Ischemic Brain Damage via the TRIM21/p62/Nrf2/CYLD Axis.MOLECULAR NEUROBIOLOGY.September 2024.10.1007/s12035-024-04507-8.(IF 4.6)
- 13、Qi Yan,David Machalz,Andy Zöllner,et al.Efficient substrate screening and inhibitor testing of human CYP4Z1 using permeabilized recombinant fission yeast.BIOCHEMICAL PHARMACOLOGY.September 2017.10.1016/j.bcp.2017.09.011.(IF 4.581)
- 14、Fei Zan,Qiang Wei,Liming Fang,et al.Role of Stiffness versus Wettability in Regulating Cell Behaviors on Polymeric Surfaces.ACS Biomaterials Science & Engineering.December 2019.10.1021/acsbmaterials.9b01430.(IF 4.511)
- 15、Rana Azeem Ashraf,Matthias Bureik,et al.Design and engineering of logic genetic-enzymatic gates based on the activity of the human CYP2C9 enzyme in permeabilized Saccharomyces cerevisiae cells.Synthetic and Systems Biotechnology.March 2024.10.1016/j.synbio.2024.03.013.(IF 4.4)
- 16、Rana Azeem Ashraf,Sijie Liu,Clemens Alexander Wolf,et al.Identification of New Substrates and Inhibitors of Human CYP2A7.MOLECULES.May 2024.10.3390/molecules29102191.(IF 4.2)
- 17、Yanan Sun,David Machalz,Gerhard Wolber,et al.Functional Expression of All Human Sulfotransferases in Fission Yeast,Assay Development,and Structural Models for Isoforms SULF4A1 and SULF6B1.Biomolecules.November 2020.10.3390/biom10111517.(IF 4.082)

- 18、Xiang Li,Lianyun Lin,Zhi Li,et al.Development of an efficient insecticide substrate and inhibitor screening system of insect P450s using fission yeast.INSECT BIOCHEMISTRY AND MOLECULAR BIOLOGY.May 2023.10.1016/j.ibmb.2023.103958.(IF 3.8)
- 19、Huixiang Lu,Junnian Zhou,Xiaojun Li,et al.MiR-526b-3p enhances sensitivity of head and neck squamous cell carcinoma cells to radiotherapy via suppressing exosomal LAMP3-mediated autophagy.AUTOIMMUNITY.September 2023.10.1080/08916934.2023.2259125.(IF 3.5)
- 20、Zhenhua Wu,Yunpeng Bai,Yujuan Qi,et al.lncRNA NEAT1 Downregulation Ameliorates the Myocardial Infarction of Mice by Regulating the miR-582-5p/F2RL2 Axis.Cardiovascular Therapeutics.December 2022.10.1155/2022/4481360.(IF 3.368)
- 21、Hui Yang,Jasmine Heyer,Hui Zhao,et al.The Potential Role of Cathepsin K in Non-Small Cell Lung Cancer.MOLECULES.September 2020.10.3390/molecules25184136.(IF 3.267)
- 22、Jiaxin Liu,Lei Chen,Jan Felix Joseph,et al.Combined chemical and biotechnological production of 20 β OH-NordHCMT,a long-term metabolite of Oral-Turinabol (DHCMT).JOURNAL OF INORGANIC BIOCHEMISTRY.February 2018.10.1016/j.jinorgbio.2018.02.020.(IF3.063)
- 23、Jinqiu Sun,Hannah Zhong,Bo Kang,et al.Roles of PD-L1 in human adipose-derived mesenchymal stem cells under inflammatory microenvironment.JOURNAL OF CELLULAR BIOCHEMISTRY.March 2024.10.1002/jcb.30544.(IF 3)
- 24、Pradeepraj Durairaj,Linbing Fan,David Machalz,et al.Functional characterization and mechanistic modeling of the human cytochrome P450 enzyme CYP4A22.FEBS LETTERS.June 2019.10.1002/1873-3468.13489.(IF 2.675)
- 25、Pradeepraj Durairaj,Linbing Fan,Wei Du,et al.Functional expression and activity screening of all human cytochrome P450 enzymes in fission yeast.FEBS LETTERS.May 2019.10.1002/1873-3468.13441.(IF 2.675)
- 26、Sangeeta Shrestha Sharma,Shishir Sharma,et al.Screening of the whole human cytochrome P450 complement (CYPome) with enzyme bag cocktails.Journal of Pharmaceutical Analysis.May 2020.10.1016/j.jpha.2020.05.003.(IF 2.673)
- 27、Shishir Sharma,Sijie Liu,Pradeepraj Durairaj,et al.A convenient test system for the identification of CYP4V2 inhibitors.MOLECULAR VISION.October 2021.PMID:34880593.(IF 2.367)
- 28、Liu Jingyao,Machalz David,Wolber Gerhard,et al.New Proluciferin Substrates for Human CYP4 Family Enzymes.APPLIED BIOCHEMISTRY AND BIOTECHNOLOGY.September 2020.10.1007/s12010-020-03388-6.(IF 2.277)
- 29、Chen Feifei,Chen Juan,Yuan Yuan,et al.Circ_100549 promotes tumor progression in lung adenocarcinoma through upregulation of BIRC6.HISTOCHEMISTRY AND CELL BIOLOGY.April 2024.10.1007/s00418-024-02275-z.(IF 2.1)
- 30、Fang Wang,Hui Liu,Fengmei Wang,et al.Propranolol suppresses the proliferation and induces the apoptosis of liver cancer cells.Molecular Medicine Reports.January 2018.10.3892/mmr.2018.8476.(IF 1.922)
- 31、Cheng Cao,Chunhong Yan,Zhiqiang Hu,et al.Potential application of injectable chitosan hydrogel treated with siRNA in chronic rhinosinusitis therapy.Molecular Medicine Reports.August 2015.10.3892/mmr.2015.4237.(IF 1.554)
- 32、Huanying Li,Dongsheng Liang,Naiming Hu,et al.Helicobacter pylori inhibited cell proliferation in human periodontal ligament fibroblasts through the Cdc25C/CDK1/cyclinB1 signaling cascade.Journal of Periodontal and Implant Science.June 2019.10.5051/jpis.2019.49.3.138.(IF 1.472)

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