



碧云天生物技术/Beyotime Biotechnology  
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## Hanks' Balanced Salt Solution (with Ca<sup>2+</sup> & Mg<sup>2+</sup>)

产品编号	产品名称	包装
C0219	Hanks' Balanced Salt Solution (with Ca <sup>2+</sup> & Mg <sup>2+</sup> )	500ml

### 产品简介:

- 碧云天生产的Hanks' Balanced Salt Solution (with Ca<sup>2+</sup> & Mg<sup>2+</sup>)，简称HBSS，含137.93mM NaCl, 5.33mM KCl, 4.17mM NaHCO<sub>3</sub>, 1.26mM CaCl<sub>2</sub>, 0.493mM MgCl<sub>2</sub>, 0.407mM MgSO<sub>4</sub>, 0.441mM KH<sub>2</sub>PO<sub>4</sub>, 0.338mM Na<sub>2</sub>HPO<sub>4</sub>, 5.56mM D-Glucose, pH值为7.1-7.5。
- 本Hanks' Balanced Salt Solution (with Ca<sup>2+</sup> & Mg<sup>2+</sup>)溶液经过过滤除菌，可以直接用于细胞培养过程中细胞的洗涤等常规用途。使用前不必再进行稀释或过滤除菌等任何处理。

### 包装清单:

产品编号	产品名称	包装
C0219	Hanks' Balanced Salt Solution (with Ca <sup>2+</sup> & Mg <sup>2+</sup> )	500ml
—	说明书	1份

### 保存条件:

4°C保存，半年有效。-20°C保存一年有效。本产品可以短期室温存放。

### 注意事项:

- 在使用Hanks' Balanced Salt Solution的过程中要特别注意避免溶液被微生物污染。
- 本Hanks' Balanced Salt Solution (with Ca<sup>2+</sup> & Mg<sup>2+</sup>)溶液含有Ca<sup>2+</sup>与Mg<sup>2+</sup>，如需使用不含Ca<sup>2+</sup>与 Mg<sup>2+</sup>的Hanks' Balanced Salt Solution 溶液，请订购C0218 Hanks' Balanced Salt Solution。
- 本产品仅限于专业人员的科学的研究用，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:

- Wu YR, Gong QF, Fang H, Liang WW, Chen M, He RJ. Effect of Sophora flavescens on non-specific immune response of tilapia (GIFT Oreochromis niloticus) and disease resistance against Streptococcus agalactiae. Fish Shellfish Immunol. 2013 Jan;34(1):220-7.
- Zu Y, Wan LJ, Cui SY, Gong YP, Li CL. The mitochondrial Na(+)/Ca(2+) exchanger may reduce highglucose-inducedoxidativestressandnucleotide-bindingoligomerizationdomainreceptor3inflammasomeactivation in endothelial cells. J Geriatr Cardiol. 2015 May;12(3):270-8.
- Liu B,Cao W,Li J,Liu JLysosomal exocytosis of ATP is coupled to P2Y2 receptor in marginal cells in the stria vascularis in neonatal rats.Cell Calcium . 2018 Dec;76:62-71.
- Lei Yu,Haoran Wang,Xiaoxue Han,Honghui Liu,Dalong Zhu,Wenhuan Feng,Jinhui Wu,Yan Bi. Oxygen therapy alleviates hepatic steatosis by inhibiting hypoxia-inducible factor-2 α J Endocrinol. 2020 Jul;246(1):57-67.;doi: 10.1530/JOE-19-0555.