

Zhejiang Gongdong Medical  
Technology Co., Ltd.  
股票代码：605369



浙江拱东医疗器械股份有限公司

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## Cell Culture

Focus and excellence

[www.gongdong.com](http://www.gongdong.com)



# Cell Culture

## Focus and excellence

细胞是生命之源，是人最基本的结构和功能单位。随着生命科学研究的不断探索，细胞培养检测技术在生物技术领域的作用越来越重要。细胞的培养检测离不开细胞耗材。

As the source of life, the cell is the basic structural and functional unit of human beings. With the continuous exploration of life science research, cell culture and detection technologies play an increasingly important role in the field of biotechnology. The culture and detection of cells cannot be done without the cell culture consumables.

**GONGDONG MEDICAL**

**OEM/ODM**

我们为各厂家定制高精尖、高要求的医用耗材

We customize demanding, high-grade, precision and advanced medical consumables for customers.





# Description

浙江拱东医疗器械股份有限公司，于 2020 年 9 月在上海证券交易所挂牌上市，股票代码为 605369.SH。公司主营业务为一次性医用耗材的研发、生产和销售，经过三十余年的潜心发展，凭借高质量的产品和优质的服务，已成为国内一次性医用耗材产品种类较齐全、规模较大的企业，并获得了境内外客户的认可。其中，拱东公司生产的细胞培养类产品适用于各种基本和高级细胞培养研究，主要包括细胞培养瓶、细胞培养皿、细胞培养板以及细胞培养器，为生物细胞培养研究领域提供优质可靠的细胞耗材。

## Zhejiang Gongdong Medical Technology Co.,Ltd.(605369.SH)

Was listed on the Shanghai Stock Exchange in September 2020. We specialize in the R&D, manufacturing and sales of disposable medical consumables. With continuous efforts over the past 30 years, we manage to provide quality products and services, and have become a large-scale enterprise with a full line of disposable medical consumables. We have won the recognition from the customers at home and abroad. We offer quality and reliable cell culture consumables, mainly including cell culture flasks, dishes, plates, and factories applicable to a wide range of basic and advanced cell culture researches.





## Product R&D and Mold Manufacturing

### 产品研发及模具制造

拱东十分重视对于技术人才队伍的培养，从业经验普遍在 10 年以上丰富经验的人才队伍来完成产品设计，模具设计，注塑工艺优化以及精密加工。对于发展我们从不止步，拱东长期参加各类技术展会，也会积极组织相关的研讨会，届时均会邀请到行业内足具品牌效应的供应商来分享最新的技术经验，遵循评审流程，引进先进模具制造技术，实现快速精准研发。榆次同时，企业通过与国外顾问公司的合作，在内部培训、实施、推广科学注塑技术 (Scientific Molding Technology) 的应用，取得了非常好的效应。

We attach great importance to training our technology talent. We have a team of talents who have been working in this industry for more than 10 years to design products and molds, optimize plastic injection molding techniques, and manage high-precision manufacturing. We never stop growing. We often attend various technology exhibitions, and organize seminars where brand suppliers in the industry are invited to share the latest technological information. Following a review and evaluation process, we also introduce advanced molding technologies to achieve efficient and targeted R&D. Meanwhile, through the cooperation with foreign consulting companies, we have applied and trained our employees to use the Scientific Molding Technology throughout our company and achieved fruitful results.

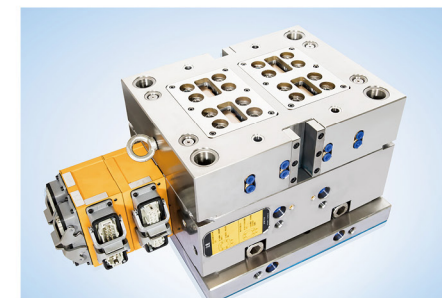


## High Efficiency & High Precision Mold

### 高效、高精密模具

净化注塑车间配有 10 万级 GMP 规范的生产场地，每天会有专人负责监控以及维护，确保各项指标都在标准范围内运行。同时车间配有高精密注塑机 28 台、日本进口的 ABS 注拉吹一体机生产线 3 条以及德国进口的高精密焊接机，实现高效且高精度的生产，是拱东极其重要的生产环境之一。

从 1985 年至今，拱东医疗已制造完成 5000 多套各类、系列化的注塑成型模具，配套支持拱东医疗生产车间约 250 台注塑成型和一步法吹塑成型等设备的生产制造所需，为客户提供匹配成套及细分细化的一站式服务。因此至今，拱东医疗已拥有 38 多项发明和实用新型产品和模具专利。



Purified injection molding workshop is equipped with Grade 100,000 GMP standard production site. Dedicated personnel will be assigned for daily monitoring and maintenance to guarantee that all indicators are operating within the standard range. Moreover, the workshop is also equipped with 28 sets of high-precision injection molding machines, 3 ABS production lines imported from Japan for integrated injection, extrusion and blow molding machines, and high-precision welding machines imported from Germany, realizing efficient and high-precision production, which serves as one of the most critical production environments for Gongdong Medical.

Since 1985 to date, Gongdong Medical has manufactured more than 5,000 sets of various types and series of injection molds to serve the manufacturing needs of approximately 250 sets of injection molding and one-step blow molding equipment in Gongdong Medical's production plant, offering one-stop services for customers in tailor-made sets and segmentation packages. Therefore, up to now, Gongdong Medical has possessed more than 38 invention and utility new products and mold patents.



# Cell Culture Products Specifications

## 细胞培养产品规范

经细胞培养表面处理：拱东公司生产产品的细胞表面是一种利于细胞贴附和生长的亲水性表面，特别适合绝大多数贴壁细胞培养的应用，是经历数年时间研发和检验的优质细胞培养表面。  
Treatment of cell culture surface: The surface of our cell culture products is hydrophilic that facilitates the adhesion and growth of cells, especially for the culture of adherent cells. It is a high-quality cell culture surface that has been developed with years of research and testing.

拱东公司产品表面处理只应用与培养区，而培养瓶的瓶颈，培养皿的侧面等区域没有经过处理，以防止细胞在非生长区域吸附并生长。  
The surface treatment is only applied to the culture area, while the bottleneck of the culture flasks and the side face of the culture dishes are not treated to prevent cells from adhering to and growing in such non-growth areas.

## Culture Surface

### 培养表面

拱东公司产品表面处理经过单层细胞形成试验检测，使用两种不同的细胞株和一种原代细胞；使用特选的对毒性物质非常敏感的细胞株来检测克隆效率。

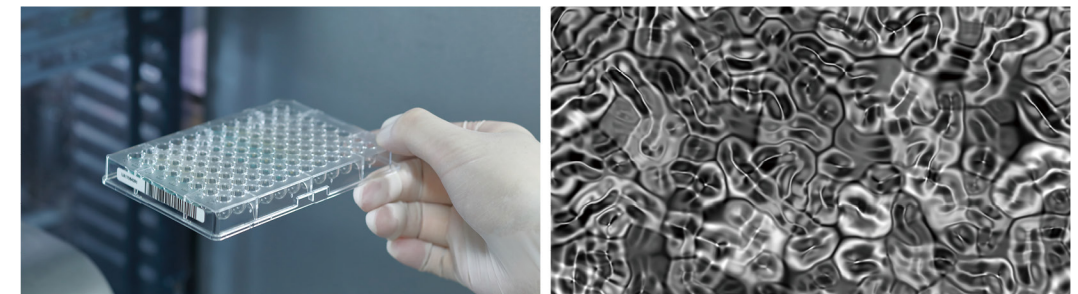
1. PCE: 原代鸡胚细胞用来检测处理后表面对原代细胞生长的支持；
2. MRC5: 来源于人胚肺成纤维原细胞，用来检查单层细胞形成。
3. V79-4(ATCC CCL93): 来源于中国仓鼠肺组织，用来检测克隆效率；
4. L929(ATCC CCL1): 纤原样细胞来源于一个克隆株。亲本 L 株来源于雄性 C3H/An 鼠的正常皮下蜂巢和脂肪组织，用来检测单层细胞形成。

未经表面处理：未经处理的聚苯乙烯表面具有疏水性，因而适合无需贴壁即可增值和生长的悬浮培养物的生长。

The surface treatment of our products is tested with two cell lines and one primary cell culture for monolayer formation, plus a specially selected cell line that is very sensitive to toxic substances for cloning efficiency.

1. PCE: Primary Chick Embryo cells are used to assess primary cell growth on the treated surface;
2. MRC5: Derived from human embryonic lung fibroblasts and used to test monolayer cell formation.
3. V79-4 (ATCC CCL93): Derived from the lung tissue of a Chinese hamster and used to test cloning efficiency;
4. L929 (ATCC CCL1): A fibroblast-like cell line cloned from strain L. The parent L strain was derived from normal subcutaneous areolar and adipose tissue of a male C3H/An mouse. It is used to test monolayer cell formation.

Non-treated surface: The non-treated polystyrene surface is hydrophobic, ideal for suspension culture.





**Reliability/  
Reproducibility/  
Measurability/  
Traceability/  
Safety/  
Simplicity**

可靠性 / 可重现性 / 可测量性 / 可追溯性 / 安全性 / 简易性

拱东提供始终如一的高品质细胞培养产品以确保您的研究获得最佳的重复性和最可靠的结果。

拱东提供的细胞培养产品具有从 0.33 到 25240cm<sup>2</sup> 的表面积，放大培养十分便捷。细胞培养产品表面适合大多数应用。

拱东的细胞培养产品全部都由符合 USP VI 级标准的高品质原材料制成。产品均经过 4 种细胞株的测试以确保细胞单层的形成和均一的克隆效率。

拱东提供的细胞培养产品由通过 ISO13485: 2016 质量认证的工厂生产。

We supply cell culture products with consistent high quality to help ensure you get the most reproducible and reliable results in your research.

We offer cell culture products with surface areas ranging from 0.33 to 25,240 cm<sup>2</sup> for convenient scaled-up culture. Our culture surfaces are suitable for most applications.

Our cell culture products are manufactured using only high-quality raw materials that comply with USP Class VI testing. All the products are tested with four cell lines to ensure monolayer formation and uniform cloning efficiency.

Our cell culture products are manufactured in the factories certified to ISO 13485:2016.

**Material**

材料

拱东生产细胞培养产品均由聚苯乙烯制成，具有良好的光学性能，并可以进行表面处理。该款聚苯乙烯通过 USP 生物反应性等级 VI 测试。并通过 ISO 文件中的描述进行放射线照射来维持产品的无菌状态。

Our cell culture products are made of polystyrene of good optical properties and can be surface treated. The polystyrene we used has passed the USP Class VI testing and has been irradiation-sterilized as described in the ISO standard.

**Cell Culture Area**

细胞培养范围

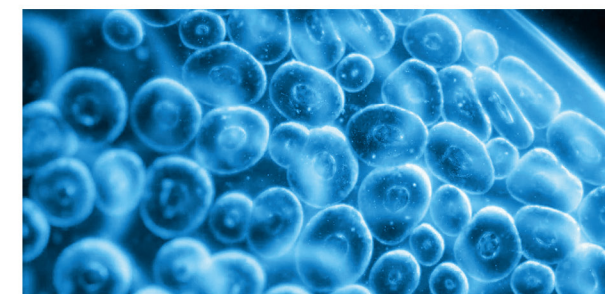


**Pyrogen-free/endotoxin-free**

无热原 / 内毒素

热原和内毒素是一种热稳定生物混合物，对细胞的生长和增殖有害，拱东生产细胞培养产品均无热原和内毒素。并有一个独立的测试来检测。

Pyrogen and endotoxin are a mixture of heat-stable organisms harmful to cell growth and proliferation. Our cell culture products are free of pyrogen and endotoxin and we will perform a test to detect the mixture.



**sterile**

无菌

拱东生产细胞培养产品均辐照灭菌，达到 SAL 10<sup>-6</sup> 无菌水平，物体中可能存在一个非无菌物体。

Our cell culture products are irradiation-sterilized with a sterility assurance level (SAL) of 10<sup>-6</sup>, a probability of finding one non-sterile item in one million sterilized items.

**DNase-free, RNase-free**

无 DNA 酶和 RNA 酶

拱东生产细胞培养产品是在 10 万级洁净环境下生产的，严格遵守国标洁净房生产管理标准。

Our cell culture products are manufactured in class 100,000 clean rooms, strictly in compliance with the national standards of production management in clean rooms.





## Cell Culture Dish

### 细胞培养皿

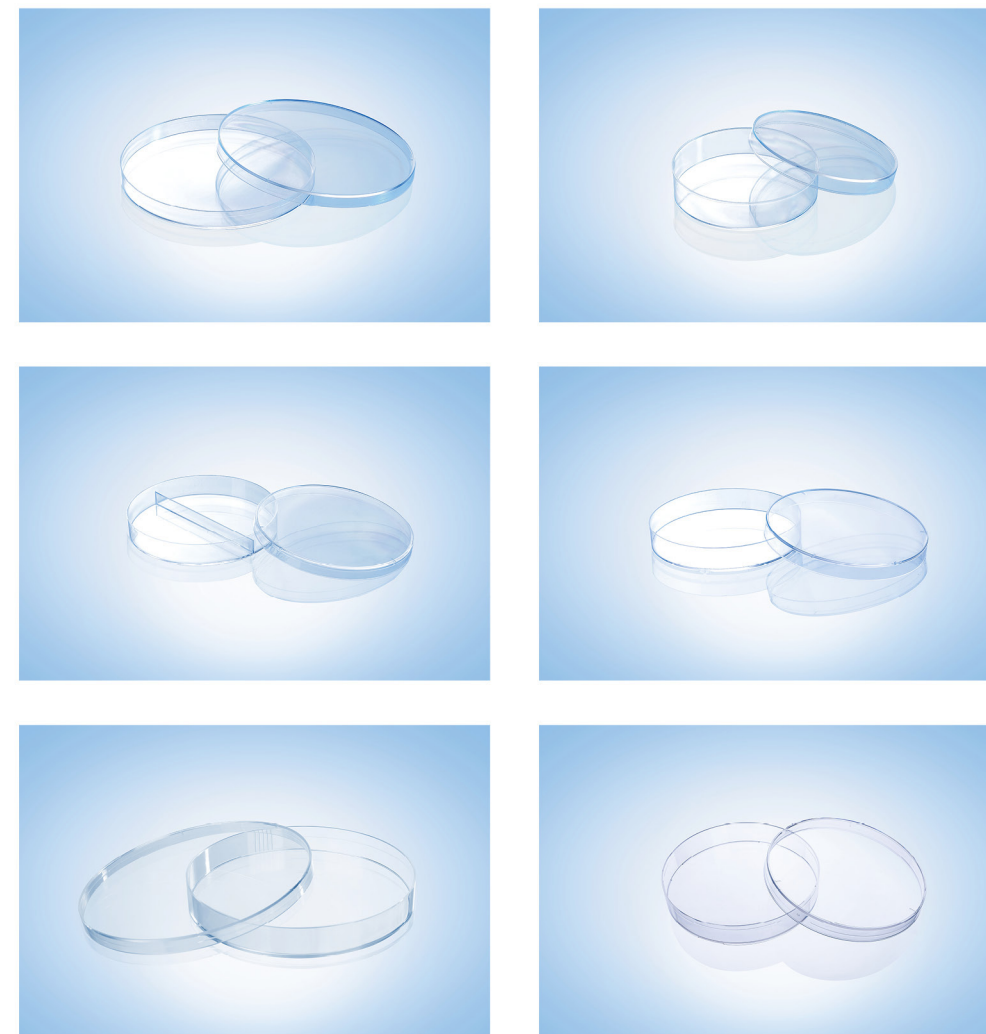
拱东细胞培养皿提供培养面表面处理及悬浮细胞培养表面。

- 多种选择：经过表面处理适用于贴壁细胞培养，或未经表面处理适用于悬浮细胞培养。
- 清晰透明而且均匀的表面适合显微镜观察。
- 培养皿盖上边缘突起，且皿盖与地部良好的适配，以确保多皿叠放稳定。
- 辐照灭菌。
- 无热原。



We supply cell culture dish with treated culture surface and dishes with surface for suspension culture.

- Available in two types: The dish with treated surface are suitable for adherent cell culture, and those with non-treated surface are suitable for suspension cell culture;
- Clear, transparent and uniform surface suitable for microscopic observation;
- Raised upper edge on the lid well matches the bottom to keep stacked dish stable;
- Sterilized by irradiation;
- Pyrogen-free.



细胞培养皿：悬浮培养、未表面处理

Cell culture dish: non-treated surface for suspension culture

序号	货号 (产品编号)	品名	规格	培养面积 (cm <sup>2</sup> )	个 / 包	个 / 箱
1	N111051022S	一次性培养皿	30X10	8.5	10	500
2	N111051023S	一次性培养皿	60X15	22.8	10	400
3	N111051027S	一次性培养皿	100x20	57.6	10	240
4	N111051028S	一次性培养皿	150x20	148	10	80

细胞培养皿：贴壁培养、表面处理

Cell culture dish: treated surface for adherent culture

序号	货号 (产品编号)	品名	规格	培养面积 (cm <sup>2</sup> )	推荐容量 (ml)	个 / 包	个 / 箱
1	N111051040S	一次性培养皿	30X10	8.5	2~3.5	10	500
2	N111051041S	一次性培养皿	60X15	22.8	4~6.5	10	400
3	N111051002S	一次性培养皿	100x20	57.6	11~18	10	240
4	N111051005S	一次性培养皿	150x20	148	28~50	10	80



# Cell Culture Plate

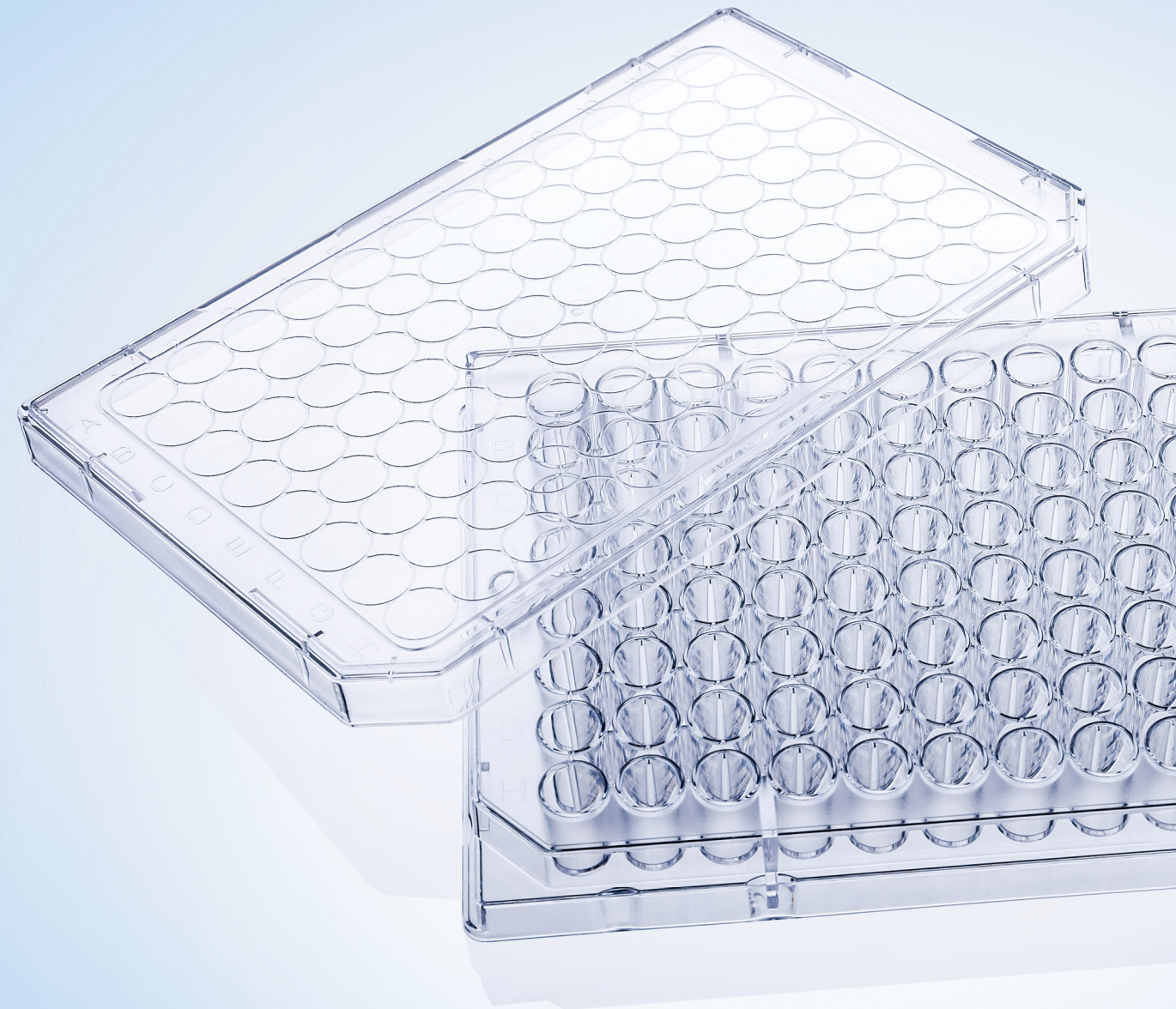
## 细胞培养板

拱东细胞培养板提供培养表面处理及悬浮细胞培养表面。

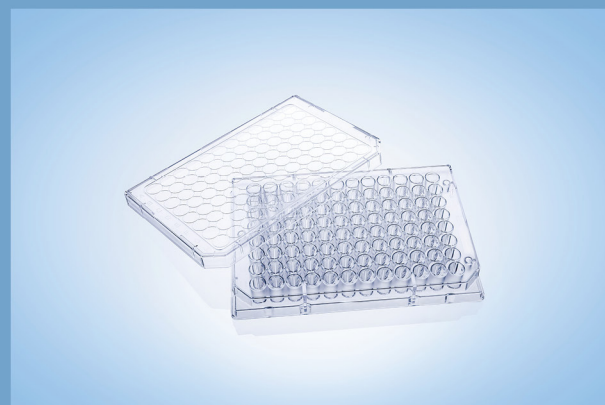
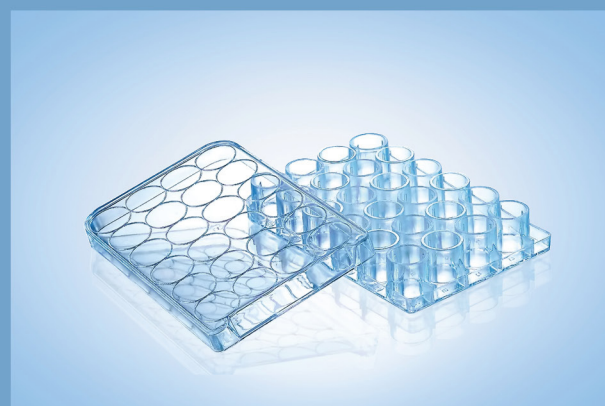
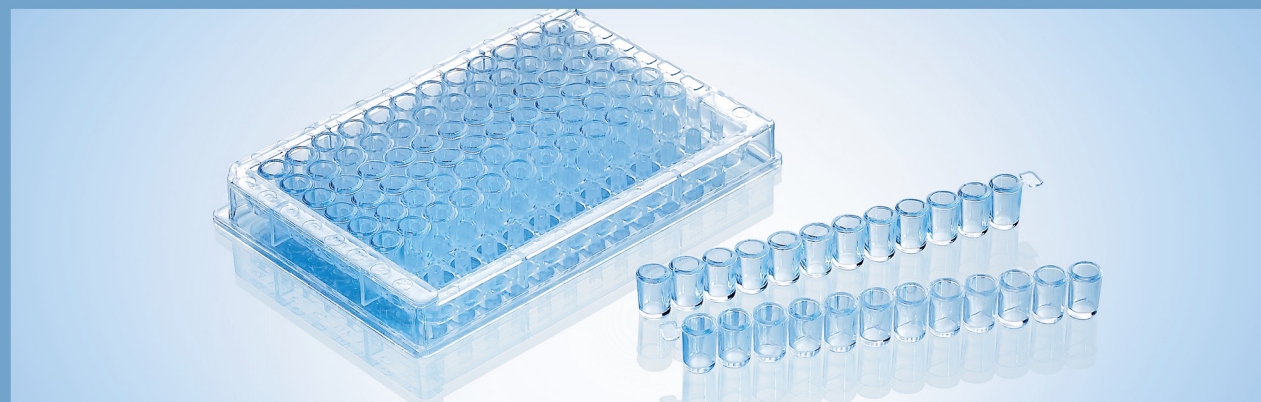
- 多种选择：经过表面处理适用于贴壁细胞培养，或未经表面处理适用于悬浮细胞培养。
- 5种孔型选择：6、12、24、48、96平底。
- 极佳的可视性。
- 增高的孔缘降低了交叉污染的风险。
- 合理的孔盖间隙，有效防止细胞培养过程中培养基的污染和蒸发耗损。
- 单一方向盖子设计，减少失误。
- 字母数字标注，方便实验。
- 板盖上边缘突起，且板盖与板底部良好的适配，以确保多板叠放稳定、节约空间。
- 适用大多数设备。
- 辐照灭菌。
- 无热原。

**We supply cell culture plate with treated culture surface and plates with surface for suspension culture.**

- Available in two types: The plate with treated surface are suitable for adherent cell culture, and those with non-treated surface are suitable for suspension cell culture;
- Available with 6, 12, 24, 48, and 96 wells with flat bottom;
- Excellent visibility;
- Raised well rims reduce the risk of cross contamination;
- Reasonable well-cover gap prevents contamination and evaporation of culture media during cell culture;
- Designed with one-way cover orientation to reduce mistakes;
- Alphanumerically labeled, convenient for experiments;
- Raised upper edge on the cover well matches the bottom to keep stacked plates stable for space saving;
- Suitable for most equipment and instruments;
- Sterilized by irradiation;
- Pyrogen-free.







细胞培养板：悬浮培养、未表面处理  
Cell culture plate: non-treated surface for suspension culture

序号	货号 (产品编号)	品名	规格	培养面积 (cm <sup>2</sup> )	个 / 包	个 / 箱
1	N111051029S	一次性培养板	6	9.6	1	75
2	N111051024S	一次性培养板	12	3.8	1	75
3	N111051025S	一次性培养板	24	1.9	1	75
4	N111051026S	一次性培养板	48	0.83	1	75
5	N111051030S	一次性培养板	96	0.33	1	50

细胞培养板：悬贴壁培养、表面处理  
Cell culture plate: treated surface for adherent culture

序号	货号 (产品编号)	品名	规格	培养面积 (cm <sup>2</sup> )	推荐容量 (ml)	个 / 包	个 / 箱
1	N111051011S	一次性培养板	6	9.6	1.9~2.9	1	75
2	N111051037S	一次性培养板	12	3.8	0.76~1.14	1	75
3	N111051038S	一次性培养板	24	1.9	0.38~0.57	1	75
4	N111051039S	一次性培养板	48	0.83	0.19~0.29	1	75
5	N111051012S	一次性培养板	96	0.33	0.075~0.2	1	50



# Cell Culture Flask

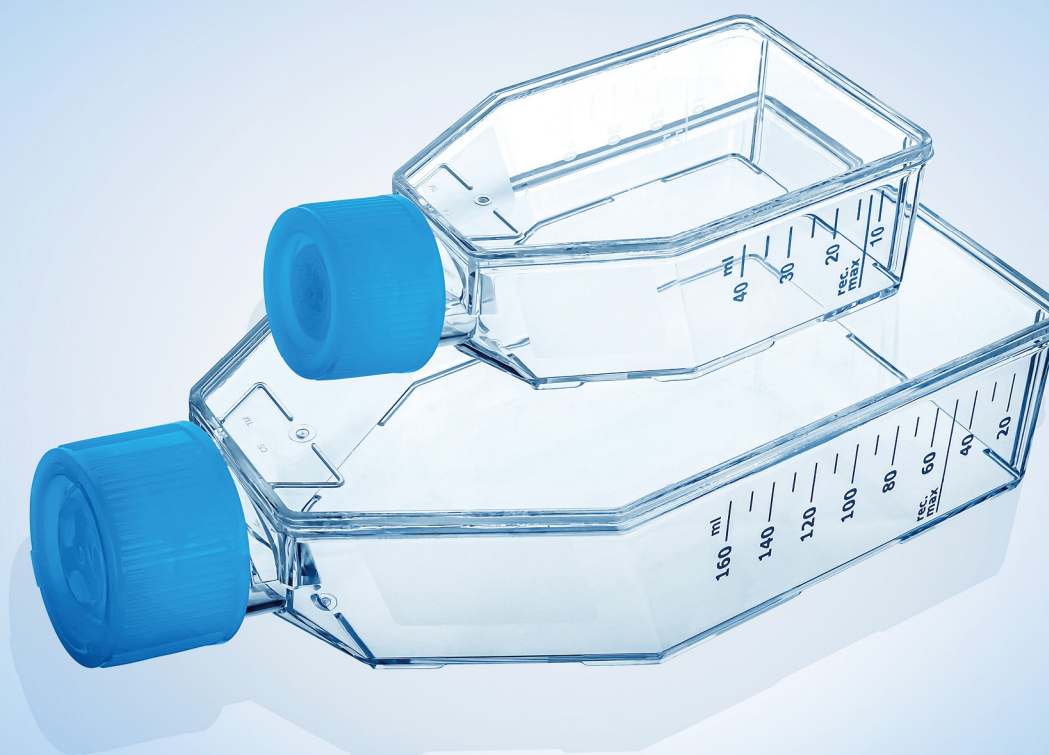
## 细胞培养瓶

拱东细胞培养瓶提供培养面表面处理及悬浮细胞培养表面。

- 多种选择：经过表面处理适用于贴壁细胞培养，或未经表面处理适用于悬浮细胞培养。
- 3 种型号选择：25、75、175 平底。
- 瓶口设计可完全接触到瓶内整个生长表面。
- 培养瓶两侧均有刻度。
- 便于文字书写的磨砂区域。
- 可选用透气 / 密封和过滤膜两种型号盖子。
- 瓶盖与瓶底部良好的适配，以确保多瓶叠放稳定、充分利用培养箱空间。
- 辐照灭菌。
- 无热原。

We supply cell culture flask with treated culture surface and flask with surface for suspension cell culture.

- Available in two types: The flask with treated surface are suitable for adherent cell culture, and those with non-treated surface are suitable for suspension cell culture;
- Available in three sizes: 25, 75, and 175 with flat bottom;
- Designed with a mouth that gives easy access to entire growth surface;
- Graduated on both sides;
- Has a frosted writing area;
- Vent/close and filter caps available;
- The cap well matches the bottom to keep stacked flask stable for best use of incubator space;
- Sterilized by irradiation;
- Pyrogen-free.



细胞培养瓶：悬浮培养、未表面处理

Cell culture flask: non-treated surface for suspension culture

序号	货号 (产品编号)	品名	规格	瓶盖类型	培养面积 (cm <sup>2</sup> )	个 / 包	个 / 箱
1	N111051031S	一次性培养瓶	25	密闭	25	10	200
2	N111051032S	一次性培养瓶	25	过滤	25	10	200
3	N111051033S	一次性培养瓶	75	密闭	75	5	100
4	N111051034S	一次性培养瓶	75	过滤	75	5	100
5	N111051035S	一次性培养瓶	175	密闭	175	5	30
6	N111051036S	一次性培养瓶	175	过滤	175	5	30

细胞培养瓶：悬贴壁培养、表面处理

Cell culture flask: treated surface for adherent culture

序号	货号 (产品编号)	品名	规格	瓶盖类型	培养面积 (cm <sup>2</sup> )	推荐容量 (ml)	个 / 包	个 / 箱
1	N111051031S	一次性培养瓶	25	密闭	25	5~7.5	10	200
2	N111051032S	一次性培养瓶	25	过滤	25	5~7.5	10	200
3	N111051033S	一次性培养瓶	75	密闭	75	15~22.5	5	100
4	N111051034S	一次性培养瓶	75	过滤	75	15~22.5	5	100
5	N111051035S	一次性培养瓶	175	密闭	175	35~52.5	5	30
6	N111051036S	一次性培养瓶	175	过滤	175	35~52.5	5	30



# Cell Factory

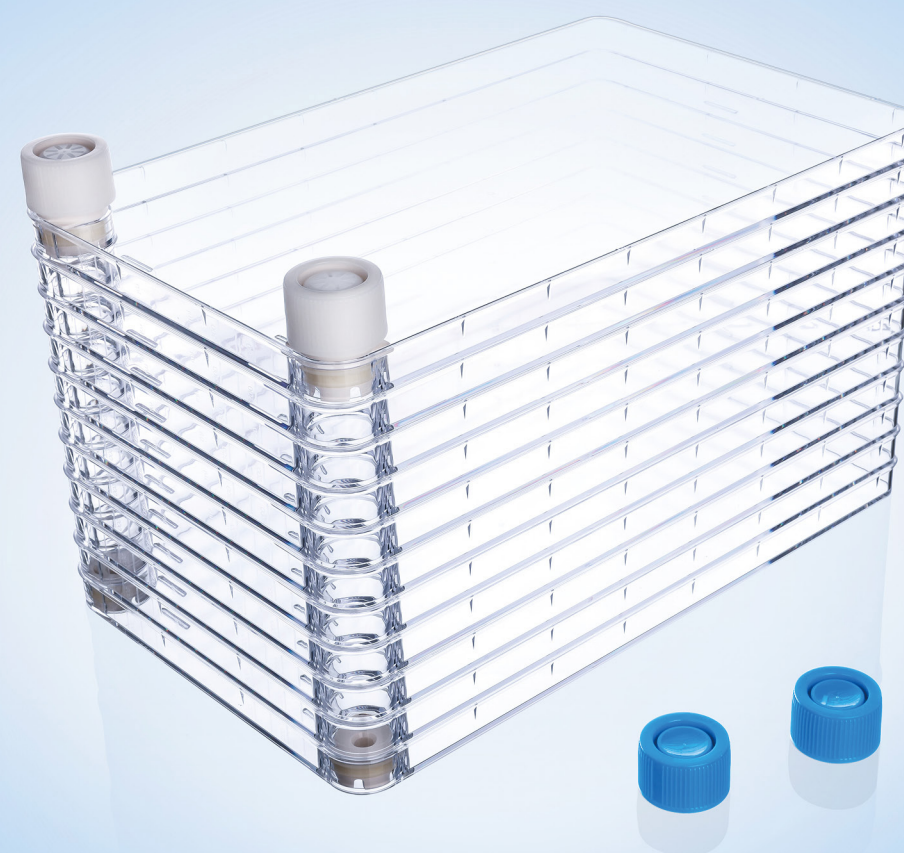
## 细胞培养器

拱东细胞培养器有标准细胞培养器和双大口细胞培养器两种型号。

- 根据细胞培养面积的需求两种型号产品层数均分别有：一层、二层、四层、十层和四十层。
- 产品所用原材料均符合 USP Class VI。
- 采用超声波焊接工艺，无任何化学添加、无不明溶出物。
- 培养器两侧均有刻度。
- 培养表面 TC 处理，确保细胞在表面有效的贴附生长。
- 可选用密封和过滤膜两种型号盖子。
- 密封性检测全检，确保产品无渗漏。
- 辐照灭菌，无菌保障达到 SAL10-6。
- 无热原。
- 无 DNase/RNase。

We supply standard cell factory and factory with two wide mouths.

- Available in 1-, 2-, 4-, 10-, and 40-tray versions to suit your needs for different culture areas;
- Made of raw materials that comply with USP Class VI testing;
- Bonded by ultrasonic welding with no chemical additives and unknown dissolved substances;
- Graduated on both sides;
- A tissue culture (TC)-treated surface ensures effective cell adhesion and growth;
- Close and filter caps available;
- Full inspection on airtightness to ensure leak free performance;
- Irradiation-sterilized with an SAL of 10<sup>-6</sup>;
- Pyrogen-free
- DNase-free, RNase-free.



产品类别	产品编码(科号)	产品描述	规格	培养面积 (cm <sup>2</sup> )	备注
细胞培养器 (双大口)	N111051013S	双大口细胞培养器 1 层	CF1	630	外包装 870X575X445
	N111051014S	双大口细胞培养器 2 层	CF2	1260	
	N111051015S	双大口细胞培养器 4 层	CF4	2520	
	N111051003S	双大口细胞培养器 10 层	CF10	6300	
	N111051007S	双大口细胞培养器 40 层	CF40	25200	
细胞培养器 (标准口)	N111051016S	细胞培养器 1 层	CF1	631	
	N111051017S	细胞培养器 2 层	CF2	1262	
	N111051018S	细胞培养器 4 层	CF4	2524	
	N111051006S	细胞培养器 10 层	CF10	6310	
	N111051008S	细胞培养器 40 层	CF40	25240	



# Serological Pipettes

## 血清移液管

### 血清移液管产品规范

拱东公司生产的血清移液管产品适用于各种细胞培养研究，细菌学、临床和科研实验等领域。

比如细胞培养或一般实验室使用中的无菌液体转移

- 转移和分配液体溶剂和细胞悬浮液。
- 细胞悬浮液、试剂和其他化学溶液的混合。

### Product Specifications

Gondong Serological Pipettes are suitable for cell culture, bacteriological, clinical, and research experiment applications.

They can be used to transfer sterile liquids in cell culture or general laboratory use, such as

- Transferring and dispensing liquid solvents and cell suspensions.
- Mixing up cell suspensions, reagents and other chemical solutions.



拱东生产的血清移液管将轻便的功能与严格的质量要求相结合，为日常实验室的工作提供准确的移液结果，同时提高效率。

拱东生产血清移液管在产品设计上有以下优点：醒目清晰的双向刻度，便于读取液体量和分配量；负刻度增加容量，并容纳额外的样本量；血清移液管具有气溶胶过滤滤芯，与传统棉塞相比，它提高了对移液装置气溶胶和液体污染的保护；无滴液管尖设计和其高品质的标准，确保了产品无菌性和完整同一性。

血清移液管有多种容量规格 (1ml、2ml、5ml、10ml、25ml、50ml) 和包装选项 (单独包装或散装)，以适应广泛的应用。

Stringent quality specifications, and convenient features make Gongdong serological pipettes a great choice for accurate liquid transferring results and efficiency for daily lab work.

Our serological pipettes have the following design benefits: Clear bi-directional graduations make it easy to read fluid volumes and dispensing amounts; negative graduations increase pipette capacity and accommodate additional sample volumes; an aerosol barrier filter plug provides better protection for the pipetting device from aerosol or liquid contamination compared to traditional cotton plugs; a non-dripping tip and high quality standards ensure pipette sterility and consistency.

Our collection of serological pipettes offers the size variability (1 ml, 2 ml, 5 ml, 10 ml, 25 ml, 50 ml) and packaging options (individually wrapped or in bulk) to suit a wide range of applications.



主要特性 Features	好处 Benefit
宽泛的容量和包装选项 Wide Range of Volumes and Packaging Option	<ul style="list-style-type: none"><li>• 移液管及包装上印刷的颜色与产品容量规格一一对应，便于使用时选择。</li><li>• 独立包装的移液管，确保无菌。</li><li>• 提供减少包装浪费的散装包装产品。</li><li>• Color-coded pipettes and packaging for convenient volume selection</li><li>• Individually packed pipettes for high sterility assurance</li><li>• Reduce packaging waste with bulk packed options</li></ul>
容量精度的验证校准 Certified Calibration of Accuracy and Precise Graduations	<ul style="list-style-type: none"><li>• 确保在满容量下： 1mL 和 2ml 的分配精度为 +/-2%； 5ml、10ml、25ml 和 50ml 的分配精度为 +/-1%。</li><li>• Ensures dispensing accuracy +/-2% for 1mL and 2 mL and +/-1% for 5 mL, 10 mL, 25 mL, 50 mL at full volume</li></ul>
清晰、粗体、双向刻度的印刷 Clear, Bold, Bi-directional Graduations	<ul style="list-style-type: none"><li>• 高对比度刻度，便于阅读</li><li>• 反向刻度有助于快速确定分配量</li><li>• High-contrast graduations for easy-to-read volumes</li><li>• Reverse graduations aid in determining dispensing volume</li></ul>
负刻度 Negative Graduations	<ul style="list-style-type: none"><li>• 增加移液管容量，并容纳更多容量</li><li>• Increase pipette capacity, and accommodate additional volumes.</li></ul>
过滤滤芯 Filter Plug	<ul style="list-style-type: none"><li>• 防止移液装置受到气溶胶或液体污染，同时进一步降低样品间污染风险</li><li>• Prevent aerosol or liquid contamination of the pipetting device while further reducing sample-to-sample contamination risks</li></ul>

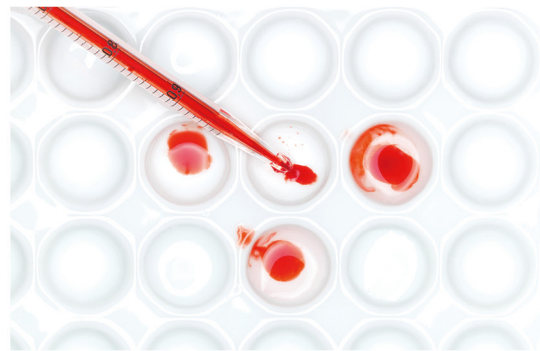


**拱东血清移液管:**

- 材料: 超透明、100% 纯聚苯乙烯, 实现了最大清晰度。
- 1.0ml、2.0 买了、5.0ml 移液管: 采用拉伸方式成管。
- 10.0ml、25.0ml、50.0ml 移液管: 管嘴 / 管尾采用超声波焊接与管体连接。
- 不含 RNase/DNase。
- 不含人类 DNA
- 无细胞毒性。
- E-beam 灭菌, 确保 SAL-10-6。
- 无热原。

**Gongdong Serological Pipettes:**

- Material: Ultra clear, 100% virgin polystyrene for maximum clarity.
- 1.0ml, 2.0ml, 5.0ml pipettes are shaped by stretching method.
- 10.0ml, 25.0ml, 50.0ml pipettes tips/ends are welded to the tube by ultrasonic wave.
- RNase-/DNase-free.
- Human DNA free.
- Non-cytotoxic.
- E-beam irradiation to SAL of 10-6.
- Non-pyrogenic.



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序号	货号 (产品编号)	容量 (ml)	刻度 (ml)	颜色	灭菌	包装方式	包装规格
1	N111051042S	1.0	1/100	黄色	是	单只包装	200 只 / 盒, 4 盒 / 箱
2	N111051044S	2.0	1/50	绿色	是	单只包装	150 只 / 盒, 4 盒 / 箱
3	N111051046S	5.0	1/10	蓝色	是	单只包装	100 只 / 盒, 4 盒 / 箱
4	N111051048S	10.0	1/10	橙色	是	单只包装	100 只 / 盒, 4 盒 / 箱
5	N111051050S	25.0	2/10	红色	是	单只包装	50 只 / 盒, 4 盒 / 箱
6	N111051052S	50.0	5/10	紫色	是	单只包装	40 只 / 盒, 4 盒 / 箱
7	N111051043S	1.0	1/100	黄色	是	散装	200 只 / 盒, 5 袋 / 箱
8	N111051045S	2.0	1/50	绿色	是	散装	200 只 / 盒, 4 袋 / 箱
9	N111051047S	5.0	1/10	蓝色	是	散装	150 只 / 盒, 4 袋 / 箱
10	N111051049S	10.0	1/10	橙色	是	散装	150 只 / 盒, 4 袋 / 箱
11	N111051051S	25.0	2/10	红色	是	散装	50 只 / 盒, 5 袋 / 箱
12	N111051053S	50.0	5/10	紫色	是	散装	50 只 / 盒, 4 袋 / 箱





# Sterile Erlenmeyer Flasks

## 无菌锥形摇瓶

### 摇瓶产品规范

拱东公司生产的摇瓶产品适用于菌种培养、细胞培养、液体储存和实验室科学研究。拱东生产的摇瓶所用原材料符合 USP VI 类，适用于培养对氧气要求较高的细胞系，也可用在悬浮液中培养细菌、真菌和动植物细胞，相对于培养瓶、皿和转瓶，所需要的工作量更小，是一款经济实惠的细胞培养工具，是培养基配置、混合及储存的理想选择。

### Product Specifications

Gongdong Erlenmeyer flasks are suitable for bacterial culture, cell culture, liquid storage and laboratory research.

Our Erlenmeyer flasks are made of USP Class VI materials, suitable for culturing cell lines with high oxygen requirements. They can also be used to cultivate bacteria, fungi, and plant and animal cells in suspension. Erlenmeyer flasks require less labor than culture flasks, dishes and spinner flasks, and are a cost-effective cell culture tool ideal for the preparation, mixing and storage of culture media.



### 拱东生产的摇瓶：

- PETG 和 PC 两种材质。
- 多种容量规格选择：125L、250L、500L、1L、2L、3L、5L。
- 每种容量规格均有平底和缓冲底。
- 提供两种不同的盖类型：密封盖和透气盖。
- 独立无菌包装。
- 瓶体内外表面光滑，色泽均匀，外壁有精准容量刻度标识。
- PC 材质耐温度范围：-80° ~+121°；PETG 材质耐温度范围：-60° ~+60°。
- 辐照灭菌。
- 无 DNase/RNase。
- 无内毒素。
- 无热原。

### Gongdong Erlenmeyer Flasks:

- Material: PETG or PC.
- Wide range of volumes: 125L, 250L, 500L, 1L, 2L, 3L, 5L.
- All volumes are available with plain or baffled bottom.
- Solid or vent cap available.
- Packaged sterile in individual bags.
- The inner and outer walls of the flasks are smooth and uniformly transparent, and the outer wall is accurately graduated.
- Temperature range for PC flasks: -80° ~+121° ; temperature range for PETG flasks: -60° ~+60° .
- Irradiation-sterilized.
- DNase-/RNase-free.
- Endotoxin-free.
- Non-pyrogenic.



序号	货号 (产品编号)	容量 (ml)	材质	瓶底	盖子	灭菌	包装方式	包装规格
1	N111051054S	125	PC	平底	密封	是	独立包装	1只/袋, 50袋/箱
2	N111051055S	125	PC	平底	透气	是	独立包装	1只/袋, 50袋/箱
3	N111051056S	125	PC	挡板	密封	是	独立包装	1只/袋, 50袋/箱
4	N111051057S	125	PC	挡板	透气	是	独立包装	1只/袋, 50袋/箱
5	N111051058S	125	PETG	平底	密封	是	独立包装	1只/袋, 50袋/箱
6	N111051059S	125	PETG	平底	透气	是	独立包装	1只/袋, 50袋/箱
7	N111051060S	125	PETG	挡板	密封	是	独立包装	1只/袋, 50袋/箱
8	N111051061S	125	PETG	挡板	透气	是	独立包装	1只/袋, 50袋/箱
9	N111051062S	250	PC	平底	密封	是	独立包装	1只/袋, 50袋/箱
10	N111051063S	250	PC	平底	透气	是	独立包装	1只/袋, 50袋/箱
11	N111051064S	250	PC	挡板	密封	是	独立包装	1只/袋, 50袋/箱
12	N111051065S	250	PC	挡板	透气	是	独立包装	1只/袋, 50袋/箱
13	N111051066S	250	PETG	平底	密封	是	独立包装	1只/袋, 50袋/箱
14	N111051067S	250	PETG	平底	透气	是	独立包装	1只/袋, 50袋/箱
15	N111051068S	250	PETG	挡板	密封	是	独立包装	1只/袋, 50袋/箱
16	N111051069S	250	PETG	挡板	透气	是	独立包装	1只/袋, 50袋/箱
17	N111051070S	500	PC	平底	密封	是	独立包装	1只/袋, 25袋/箱
18	N111051071S	500	PC	平底	透气	是	独立包装	1只/袋, 25袋/箱
19	N111051072S	500	PC	挡板	密封	是	独立包装	1只/袋, 25袋/箱
20	N111051073S	500	PC	挡板	透气	是	独立包装	1只/袋, 25袋/箱
21	N111051074S	500	PETG	平底	密封	是	独立包装	1只/袋, 25袋/箱
22	N111051075S	500	PETG	平底	透气	是	独立包装	1只/袋, 25袋/箱
23	N111051076S	500	PETG	挡板	密封	是	独立包装	1只/袋, 25袋/箱
24	N111051077S	500	PETG	挡板	透气	是	独立包装	1只/袋, 25袋/箱
25	N111051078S	1000	PC	平底	密封	是	独立包装	1只/袋, 25袋/箱
26	N111051079S	1000	PC	平底	透气	是	独立包装	1只/袋, 25袋/箱
27	N111051080S	1000	PC	挡板	密封	是	独立包装	1只/袋, 25袋/箱
28	N111051081S	1000	PC	挡板	透气	是	独立包装	1只/袋, 25袋/箱
29	N111051082S	1000	PETG	平底	密封	是	独立包装	1只/袋, 25袋/箱
30	N111051083S	1000	PETG	平底	透气	是	独立包装	1只/袋, 25袋/箱
31	N111051084S	1000	PETG	挡板	密封	是	独立包装	1只/袋, 25袋/箱
32	N111051085S	1000	PETG	挡板	透气	是	独立包装	1只/袋, 25袋/箱

序号	货号 (产品编号)	容量 (ml)	材质	瓶底	盖子	灭菌	包装方式	包装规格
33	N111051086S	2000	PC	平底	密封	是	独立包装	1只/袋, 6袋/箱
34	N111051087S	2000	PC	平底	透气	是	独立包装	1只/袋, 6袋/箱
35	N111051088S	2000	PC	挡板	密封	是	独立包装	1只/袋, 6袋/箱
36	N111051089S	2000	PC	挡板	透气	是	独立包装	1只/袋, 6袋/箱
37	N111051090S	3000	PC	平底	密封	是	独立包装	1只/袋, 4袋/箱
38	N111051091S	3000	PC	平底	透气	是	独立包装	1只/袋, 4袋/箱
39	N111051092S	3000	PC	挡板	密封	是	独立包装	1只/袋, 4袋/箱
40	N111051093S	3000	PC	挡板	透气	是	独立包装	1只/袋, 4袋/箱
41	N111051094S	5000	PC	平底	密封	是	独立包装	1只/袋, 4袋/箱
42	N111051095S	5000	PC	平底	透气	是	独立包装	1只/袋, 4袋/箱
43	N111051096S	5000	PC	挡板	密封	是	独立包装	1只/袋, 4袋/箱
44	N111051097S	5000	PC	挡板	透气	是	独立包装	1只/袋, 4袋/箱

## Sterile Erlenmeyer Flasks

无菌锥形摇瓶





