



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic)

## M199

|          |          |
|----------|----------|
| Cat. No: | PM150610 |
| Size:    | 500mL    |

### General Information

|                    |                      |
|--------------------|----------------------|
| Product Form       | Liquid               |
| Concentration      | 1×                   |
| pH                 | 7.2-7.4              |
| D-glucose          | 1000mg/L             |
| HEPES              | Negative             |
| L-glutamine        | 100mg/L              |
| NaHCO <sub>3</sub> | 2200mg/L             |
| Phenol red         | 20mg/L               |
| Balanced salt      | Earle's salt         |
| Storage            | 2-8°C, Shading light |
| Shipping           | RT                   |
| Expiration date    | 12 months            |

### Background

M199 (Medium 199) originally used in nutritional studies of chicken embryo fibroblasts, it has been widely used in the culture of various animal cells, including some non-mammalian cells. M199 is especially suitable for the culture of untransformed cells, rat pancreatic epithelial cells and mouse lens tissues, also used in virology and vaccine production. Compared with other basic medium, M199 contains unique ingredients, including adenine, adenosine, hypoxanthine, thymine, and other vitamins. There are two kinds of equilibrium salt (earle's salt and hank's salt) in M199. Earle's salt is often used in CO<sub>2</sub> environment, hank's salt is used in non-CO<sub>2</sub> environment. This product contains many kinds of amino acids, vitamins, inorganic salts and other ingredients for cell culture, but does not contain protein, lipids or any growth factors. Therefore, the product should be used with serum or serum-free additives.

### Notes

1. This product is for research use only.
2. This product is sterilized by 0.22 μ m filtration.
3. It is necessary to pay attention to the aseptic operation and avoid the pollution during the culture.