



# 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

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## MEM (without phenol red, L-glutamine, with HEPES)

Cat. No: PM150440  
Size: 500mL

### General Information

|                       |                      |
|-----------------------|----------------------|
| Concentration         | 1×                   |
| pH                    | 7.2-7.4              |
| D-glucose             | 1000mg/L             |
| HEPES                 | 25mM                 |
| L-glutamine           | Negative             |
| NaHCO <sub>3</sub>    | 2200mg/L             |
| Phenol red            | Negative             |
| Earle's Balanced Salt | Positive             |
| NEAA                  | Negative             |
| Storage               | 2-8°C, Shading light |
| Shipping              | RT                   |
| Expiration date       | 12 months            |

### Background

MEM medium (Minimum Essential Medium) was developed on the basis of Eagle basic medium. It is one of the most basic and widely used culture medium, and one of the most commonly used culture medium in animal cell culture. MEM medium contains 12 kinds of essential amino acids, glutamine and 8 vitamins, which is simple, mainly used in the culture of adherent cells. MEM (contain NEAA) medium is added L-alanine, L-glutamic acid, L-asparagine, L-aspartic acid, L-proline, L-serine and glycine on the basis of MEM medium. These 7 kinds of NEAA, can reduce the side effects of producing non-essential amino acids during cell culture and promote cell proliferation and metabolism. 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. It is necessary to pay attention to the aseptic operation and avoid the pollution.