

Technical Data Sheet

Serum-free Medium for HEK-293 cells in suspension

for cell biology

Order number: 2241

This medium is completely ready-to-use and was designed for the serum-free cultivation of HEK-293 cells in suspension. It is based on DMEM / F12 medium supplemented with additional trace elements, cholesterol, and vegetable hydrolysates. The medium does not contain any proteins or components of human origin. This particularly enriched medium is optimized for the growth of HEK-293 cells in suspension and quickly provides high cell densities. The protein-free composition leads to an easier and more economical purification of the final product (recombinant proteins, viruses). Cell clustering will be reduced significantly.

Instruction for use

A switch from serum-containing medium to a serum-free medium for HEK-293 cells is often possible without adaptation. For clones which do not tolerate an immediate switch we recommend a stepwise reduction of serum until a serum-free culture is achieved. We advise to always keep a sample in the former medium until the transfer and stable growth is assured. Seeding density should be around 5×10^5 cells / ml while the cells are in the logarithmic growth phase.

Like usual, Trypsin should be washed out completely or be inactivated by Trypsin inhibitors.

For research use only! Not approved for human or animal diagnostic or therapeutic procedures.

Storage

Store at 2 – 8°C. Use within 1 year after production.

Related products

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| 1510 | Penicillin/Streptomycin solution in 0.85 % NaCl for cell biology |
| 1306 | MycoplasmaX 1 sterile Tiamulin solution for cell biology |
| 1307 | MycoplasmaX 2 sterile Minocycline solution for cell biology |
| 1119 | PCR Mycoplasma testing kit for cell biology |
| 1131 | IncuwateX for cell biology |
| 1117 | IncubaX for disinfecting incubators, spray bottle for cell biology |

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