

Application Note

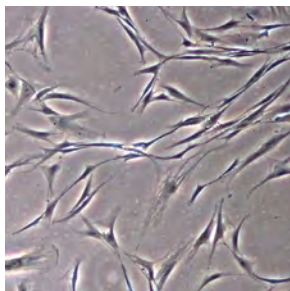
Trypsin NB Cell Culture Grade, 0.05 % solution with EDTA

General information

Trypsin NB Cell Culture Grade, 0.05 % with EDTA is a solution containing trypsin and EDTA in PBS (phosphate buffered saline) without Ca^{2+} and Mg^{2+} . It is suitable for efficient and gentle detachment of adherent cells from culture surfaces, as well as tissue digestion.

Trypsin NB Cell Culture Grade, 0.05 % with EDTA is a clear and colourless solution that is 0.2 μm filtered and thus ready to use. Each lot is tested for pH-value, osmolality, and sterility.

Efficient detachment and high cell viability could be shown for e.g. keratinocytes, fibroblasts, and kidney cells.



Fibroblasts, by courtesy of AgenoLAB, Germany

The trypsin powder is produced by the German pharmaceutical company Nordmark according to high manufacturing standards. It is derived from porcine pancreas and tested for porcine parvovirus (PPV), mycoplasma, and endotoxin. Only raw material that meets the specifications is used for SERVA Trypsin NB Cell Culture Grade solutions.

Product Information

Formulation

Trypsin:	0.5 mg/ml (0.05 %)
EDTA:	0.22 mg/ml (0.02 %)
Solvent:	PBS, without Ca^{2+} and Mg^{2+}

Specification

Osmolality	260 - 330 mOsm/kg
pH	7.0 - 7.5
Endotoxin	≤ 10 EU/ml
Sterility	Must comply
Cell detachment	Must comply
Porcine Parvovirus (PPV)	Not detectable
Mycoplasma	Not detectable

Storage

The recommended storage temperature is $-20\text{ }^{\circ}\text{C}$.

Application

In general, the required volume of Trypsin NB Cell Culture Grade, 0.05 % solution with EDTA, as well as the incubation time and temperature, depends on various factors including cell type and size of the cell culture vessel.

SERVA Trypsin NB Cell Culture Grade complies to Trypsin 1:250.

Order information

Product	Cat. No.	Pack size
Trypsin NB Cell Culture Grade, 0.05 % solution with EDTA	37297.01	100 ml
	37297.02	10 x 100 ml

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