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Trypsin/EDTA Solutions

Trypsin/EDTA Solution in HBSS, w/o Ca^{2+} and Mg^{2+}

Product Description:

Trypsin/EDTA (T/E) solution contains optimized combination of Trypsin and EDTA in HBSS w/o Ca^{2+} and Mg^{2+} to be used to detach cells from culture vessels.The solution is sterile filtered through a 0.2µm membrane filter.

Components:

Trypsin
EDTA
HBSS w/o Ca^{2+} and Mg^{2+}

Procedure of use

1) Remove culture medium from culture vessels by aspiration and wash the cells with HBSS w/o Ca^{2+} and Mg^{2+} to remove all traces of serum. Remove HBSS w/o Ca^{2+} and Mg^{2+} by aspiration.
2) Dispense enough trypsin/DTA solution into culture vessel to completely cover the monolayer of cells and place in room temperature (or 37°C incubator if necessary) for approximately 1-2 minutes or until 80% of cells are rounded up (monitored with microscope).
3) Remove the trypsin/EDTA solution by aspiration and return closed culture vessel to incubator for another 1 minute (hit the culture vessel firmly against bench top, all cells should be moving on the surface of culture vessels under microscope).
4) Add trypsin Neutralization Solution to the cells as soon as possible to inhibit further tryptic activity which may damage cells.
5) Cells can be harvested by gently pipetting the cell suspension. Further dilution can be made, if required, for cell counts and/or subculturing.

Specifications

pH	7.4 ± 0.2
Cell Culture Test	Pass
Sterility	Pass

Storage: Stored at -20°C for long term storage. Once thawed, keep it in a refrigerator at 2-4°C for one month.

Quality control:

1. Sterility test (bacteria, fungi and mycoplasma)
2. pH test

Product Information

Catalogue number: PB-LU-002-0100 100 ml

THESE PRODUCTS ARE FOR RESEARCH USE ONLY

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