Freezing Media Pair

Freezing Media Pair are used to cryopreserve suspensions of viable cells detached from monolayer cultures using the "cold trypsin" method with PET. Cells which have been cryopreserved in this medium have been shown to have superior viability upon reconstitution. The Freezing Media Pair has been used extensively to cryopreserve human cells grown in serum-free media.

Suggested Use: To cryopreserve cells, centrifuge the cell suspension. Re-suspend the cells at 4 x 10^6 cells/ml in ice-cold Freezing Medium A. Slowly add an equal volume of ice-cold Freezing Medium B to the cell suspension. Mix well. Transfer 1 ml aliquots of the cell suspension to pre-cooled cryovials. Freeze slowly using an automatic controlled rate (1°C per minute) freezer to -90°C. Alternatively, place the cryovials inside a Styrofoam rack and place the rack in a -80°C mechanical freezer for 24 hours. Transfer the frozen vials to a liquid nitrogen freezer (vapor phase) for permanent storage.

Storage:	Store at -70°C. Supplied frozen.
Stability at 4°C:	3 months
pH:	7.7 - 7.9 for a 1:1 mixture of Medium A and Medium B

Freezing Media Pair™ ..... Liquid, Ready-to-Use..... 0406..... 50 ml