

Growth Factor™

Description: Growth Factor™ is the broad-spectrum mitogen in our Complete Medium and Complete Serum-Free Medium. Growth Factor™ is acidic fibroblast growth factor (aFGF) and Porcine Heparin formulated at 100X in dPBS.

Growth Factor™ is purified from bovine hypothalamus and is 100% traceable to cattle processed in the USA at USDA inspected facilities. Working concentration is 50µg/ml. Biological activity is adjusted to 110% of maximum using 2V0-C25 human venous cells and ACBRI 181 and 376 Primary Mv Cells.

Growth Factor™ is qualified for use when initiating, thawing, expanding, or passaging cultures of mesenchymal-derived cells in either suspension or monolayer cultures and is included as part of all formulations of our Complete Medium Kits. Growth Factor™ (5ml) prepares 500ml medium at 1X (final concentration).

Growth Factor™ is qualified for use with our Media, with most classical media, and with Attachment Factor™, Passage Reagent Group™, and Cryopreservation Medium™ for the culture of most human and animal primary cell cultures and cell lines.

Uses: Cell culture procedures.

Limitations: Do not use past expiration date.
Do not use if product becomes cloudy.
Expiration date refers to frozen storage only.

Availability: 1ml of (100X) reagent.
5ml of (100X) reagent.
10ml of (100X) reagent.

Storage: Store at <-20° Centigrade.

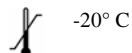
Procedure: **For Activating Medium.**

1. Add one vial of Growth Factor™ (5ml) to 500ml of Culture Medium under sterile conditions.

Notes:

1. ALWAYS avoid bubbles, which present lethal shear stress to your cells. Never vortex for the same reason, squared.
2. Growth Factor™, Attachment Factor™, Cryopreservation Medium™, and Passage Reagent Group™ are trademark names of Cell Systems Corporation.

Storage:



-20° C



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