

Human Platelet Lysate, Fibrinogen-Depleted, GMP-Compliant



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Catalog #200-0322	50 mL
200-0323	100 mL
200-0324	500 mL

Product Description

GMP-compliant, fibrinogen-depleted, human platelet lysate (hPL) is a growth factor-rich cell culture supplement derived from healthy donor human platelets at U.S. Food and Drug Administration (FDA)-registered blood centers. Multiple donor units are pooled during manufacturing to minimize lot-to-lot variability.

Properties

Storage: Store at -20°C.

Shelf Life: Stable until expiry date (EXP) on label.

Donors have been tested and found to be negative for HIV antibody (anti-HIV 1/2), hepatitis C antibody (anti-HCV), hepatitis B core antibody (anti-HBc), HTLV-1/2 antibody (anti-HTLV-1/2), HBsAg, syphilis microhemagglutination assay, WNV nucleic acid testing, HCV nucleic acid testing, HIV-1 nucleic acid testing, and HBV nucleic acid testing. As testing cannot completely guarantee that the donor was virus-free, this product should be treated as potentially infectious and only used following appropriate handling precautions such as those described in biological safety level 2.

Directions For Use

1. Thaw hPL in a 37°C water bath. Mix well.
NOTE: Product may appear cloudy or flocculent upon thawing. This will not affect performance. Filtration of hPL is not recommended.
NOTE: If not used immediately, aliquot and store at -20°C. Do not exceed the shelf life of the supplement. Once aliquots are thawed, do not re-freeze.
2. Add hPL to cell culture medium to a final concentration of 2 - 10%. Optimal concentration must be determined for each cell type, cell line, and/or application.
NOTE: If desired, filter sterilization of complete medium may be performed using a 0.2 - 0.22 µm low protein binding polyethersulfone (PES) filter unit (e.g. Fisher 09-741-04 [0.2 µm, 250 mL]; Fisher SCGP00525 [0.22 µm, 50 mL]). The effect of filter sterilization on performance must be determined for each cell type, cell line, and/or application.

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