

Human Platelet Lysate



Growth factor-rich supplement for the expansion of cells in vitro

Scientists Helping Scientists™ | WWW.STEMCELL.COM

Catalog # 06960	50 mL
06961	100 mL
06962	500 mL

TOLL FREE PHONE 1 800 667 0322 • PHONE +1 604 877 0713

INFO@STEMCELL.COM • TECHSUPPORT@STEMCELL.COM

FOR GLOBAL CONTACT DETAILS VISIT OUR WEBSITE

Product Description

Human platelet lysate is a growth factor-rich cell culture supplement derived from healthy donor human platelets at U.S. Food and Drug Administration (FDA)-licensed and Health Canada-licensed blood centers. Multiple donor units are pooled during manufacturing to minimize lot-to-lot variability. Addition of an anticoagulant (e.g. Heparin Solution; Catalog #07980) is required to inhibit coagulation.

Properties

Storage: Store at -20°C.

Shelf Life: Stable for 3.5 years from date of manufacture (MFG) on label.

Donors have been tested and found to be negative for HBsAg, hepatitis B core antibody (anti-HBc), HIV antibody (anti-HIV-1/2), hepatitis C antibody (anti-HCV), HTLV-1/2 antibody (anti-HTLV-1/2), Trypanosoma cruzi antibody (anti-T. cruzi), HIV1, HCV, HBV, WNV nucleic acid testing, and syphilis microhemagglutination assay. 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.

Handling / Directions For Use

1. Thaw Human Platelet Lysate in a 37°C water bath. Mix well.

NOTE: Product may appear cloudy or flocculent upon thawing. This will not affect performance. Filtration of Human Platelet Lysate 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. Supplement Human Platelet Lysate with an anticoagulant. Addition of heparin (Catalog #07980) to a final concentration of 2 IU/mL is recommended; optimal heparin concentration may need to be determined for each cell type, cell line, and/or application.
3. Add Human Platelet Lysate 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.

STEMCELL TECHNOLOGIES INC.'S QUALITY MANAGEMENT SYSTEM IS CERTIFIED TO ISO 13485. PRODUCTS ARE FOR RESEARCH USE ONLY AND NOT INTENDED FOR HUMAN OR ANIMAL DIAGNOSTIC OR THERAPEUTIC USES UNLESS OTHERWISE STATED.

Copyright © 2017 by STEMCELL Technologies Inc. All rights reserved including graphics and images. STEMCELL Technologies & Design, STEMCELL Shield Design, and Scientists Helping Scientists are trademarks of STEMCELL Technologies Canada Inc. All other trademarks are the property of their respective holders. While STEMCELL has made all reasonable efforts to ensure that the information provided by STEMCELL and its suppliers is correct, it makes no warranties or representations as to the accuracy or completeness of such information.