



## Instructions For Use

### Clearsate™ HUMAN PLATELET LYSATE (hPL)

#### 1) Suggested Use:

- For use as a cell culture media supplement for cell expansion applications
- Suitable replacement for Fetal Bovine Serum (FBS)
- Also for:
  - Research (Clonogenic assays, primary tissue isolation and/or incubation)
  - For manufacturing use only

#### 2) Additives, Antibiotics and Anticoagulants:

- Clearsate is derived from platelets of healthy screened human blood donors
- Clearsate contains no antibiotics, anticoagulants or other additives
- Clearsate does not contain plant or non-human products
- Use of an anticoagulant is not required for Clearsate
- Use of any additive in conjunction with the use of Clearsate, is at the discretion of the user

#### 3) Sterile Filtration and Sterility Testing:

- Each lot of Clearsate is sterile filtered and sterility tested (aerobic, anaerobic and fungal) prior to release

#### 4) Storage and Shipping:

- Upon receipt, Clearsate can be stored frozen at  $\leq -20^{\circ}\text{C}$  for up to 1 year (see expiration date on label)
- Clearsate should be shipped or transported frozen, preferably on dry ice

#### 5) Thawing Recommendations:

- Clearsate should be thawed by either of the two following methods:
  - Overnight, in refrigerator at  $1-6^{\circ}\text{C}$
  - For faster thawing, place in sealed plastic bag in refrigerator in a tub of water at  $1-6^{\circ}\text{C}$

6) Re-freezing Aliquots:

- Method for thawing and re-freezing smaller aliquots should be determined by user
- It is recommended to thaw and re-freeze not more than once
- Expiration date for thawed and re-frozen aliquots should be determined by user

7) Suggested working concentration:

- Suitable working concentrations, for the preparation of media, typically can range from 2% to 10%\*
- Clearstate may be used as a substitute for FBS in cell culture applications

*\*Performance may vary with different cells and/or media. It is recommended that the optimal working concentration for each application be determined by the user. Typically 2, 5 or 10% concentrations are used.*

8) Clearstate is not for transfusion or direct clinical applications.

9) Technical Support:

- For questions related to the use of this product:
  - Call 619-400-8318
  - Or email [wdavey@sandiegobloodbank.org](mailto:wdavey@sandiegobloodbank.org)

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