

PRODUCT DATA SHEET

ELAREM™ Prime



ELAREM™ Prime

Research Grade

- + **SIMPLEST SWITCH FROM FBS TO HPL**
- + **AFFORDABLE AND PRICE-STABLE**
- + **NO BATCH TESTING**
- + **REPRODUCIBLE RESULTS**
- + **SUITABLE FOR VARIOUS CELL TYPES AND LINES**

ELAREM™ Prime is the worldwide first Human Platelet Lysate (HPL) directly comparable with FBS – in terms of price and cell performance. The affordable cell culture supplement offers the same benefits as FBS – in an animal-free environment.

ELAREM™ Prime is derived from transfusion-approved platelets, a sustainable source. That assures not only safe cell culture conditions but stable prices, in contrast to FBS price increases.

ELAREM™ Prime is manufactured from pooled platelet units. The high lot-to-lot consistency ensures reproducible results without the need of batch testing.

ELAREM™ Prime supports *in vitro* cell expansion from academic research to industrial manufacturing and *in vitro* diagnostics.

PRODUCT DATA SHEET

ELAREM™ Prime

PRODUCT	APPLICATION	SIZE	HEPARIN REQUIRED	STORAGE	SHELF LIFE*	ORDER NUMBER
ELAREM™ Prime	Research Grade	50 mL	Yes	-20°C	1.5 years	PR10611
ELAREM™ Prime	Research Grade	500 mL	Yes	-20°C	1.5 years	PR11011

* Shelf-life duration is determined from date of manufacture, continuously stored frozen in original bottle.

BACKGROUND

FBS has become the ‘Gold Standard’ in the field of cell cultivation – our industry continues to rely heavily on FBS. But FBS prices rise and fluctuate depending on external factors. Experts expect a mismatch between supply and demand soon. As a result, the demand for xeno-free cell culture products is increasing. Therefore, we developed the worldwide unique xeno-free human Platelet Lysate offered at an affordable and stable price. ELAREM™ Prime provides consistent trial results without the need of batch testing. Cellular growth performance is comparable to FBS-supplemented cell culture. Consequently, ELAREM™ Prime enables the simplest switch from animal serum to animal-free cell culture conditions.

INTENDED USE

ELAREM™ Prime is for *in vitro* and manufacturing use only. The product is not intended for direct therapeutic use. For safety precautions, please see appropriate Safety Data Sheet (SDS).

STORAGE AND STABILITY

ELAREM™ Prime products are stable until the expiry date stated on the label. ELAREM™ Prime is most stable when stored frozen at -20°C to -40°C until use.

PARTICULATE FORMATION

Insoluble particles may form in thawed ELAREM™ Prime. Particulate formation does not affect cell culture performance. If removal of insoluble particles is desired, please follow our Technical Data Sheet.

STERILITY

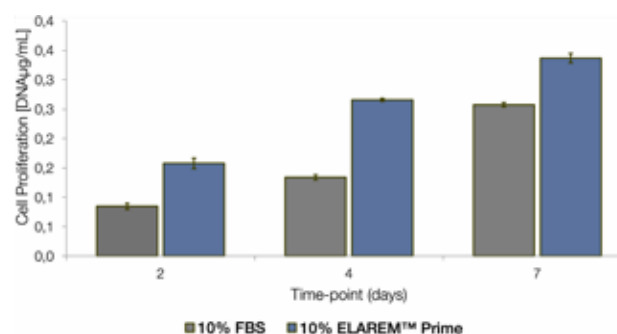
ELAREM™ Prime is aseptically processed. Microbial cultures tested negative. Quality control testing is carried out in a certified test laboratory.

TRACEABILITY AND PRECAUTIONS

ELAREM™ Prime is manufactured from platelet units obtained from healthy donors at licensed blood centers. Blood donors have been qualified according to current EU guidelines for donor eligibility criteria.

PERFORMANCE RESULTS

Comparable growth performance of hASC when cultured in ELAREM™ Prime or FBS.



NOTE

The product contains coagulation factors. To inhibit coagulation of the complete cell culture medium, it is recommended to add an anticoagulant, e.g. heparin, to the cell culture medium.

PRODUCT SUPPORT

If you have any product-related questions, please feel free to contact us by e-mail at contact@cellmedex.com.

ORDER DIRECTLY ONLINE:

