

TECHNICAL DATA SHEET

ELAREM™ Perform-FD PLUS

ORDERING INFORMATION

PRODUCT	APPLICATION	SIZE	HEPARIN REQUIRED	STORAGE	SHELF LIFE*	ORDER NUMBER
ELAREM™ Perform-FD PLUS	Research Grade	50 mL	No	-40°C to -20°C	2 years	PE30611
ELAREM™ Perform-FD PLUS	Research Grade	100 mL	No	-40°C to -20°C	2 years	PE30811
ELAREM™ Perform-FD PLUS	Research Grade	500 mL	No	-40°C to -20°C	2 years	PE31011

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

PRODUCT DESCRIPTION

ELAREM™ Perform-FD PLUS is a fibrinogen-depleted and heparin-free Human Platelet Lysate of EU origin. As a xeno-free and easy-to-use cell culture supplement, **ELAREM™ Perform-FD PLUS** supports the efficient and safe *in vitro* expansion of various primary cells and cell lines.

Due to a unique fibrinogen-depletion technique, **ELAREM™ Perform-FD PLUS** is a clot-free and heparin-free Human Platelet Lysate. The product neither requires the addition of anticoagulants (e.g. heparin) in cell culture nor during manufacturing. That makes **ELAREM™ Perform-FD PLUS** a ready-to-use Human Platelet Lysate that is widely applicable, since the absence of heparin offers even more convenient cell growth conditions.

INTENDED USE

ELAREM™ Perform-FD PLUS - Research Grade is for Research Use Only (RUO). The product is not intended for any animal, human or therapeutic use.

For safety precautions, please see appropriate Safety Data Sheet (SDS).

PREPARATION OF CELL CULTURE MEDIUM

1. Thaw **ELAREM™ Perform-FD PLUS** in a 37°C water bath until completely thawed.

If suitable equipment is not available, **ELAREM™ Perform-FD PLUS** can be thawed at room temperature.

2. Particles or turbidity may appear in thawed **ELAREM™ Perform-FD PLUS**, but do not affect cell culture performance. If particles are disturbing, we recommend centrifugation of pure **ELAREM™ Perform-FD PLUS** at 3.400 x g for 3-5 minutes.
3. Prepare complete cell culture medium by adding **ELAREM™ Perform-FD PLUS** to basal medium (e.g. MEM α , DMEM). Preparation of complete cell culture medium should be performed following the general guidelines for the specific cell types.

ELAREM™ Perform-FD PLUS is heparin-free and does not require the addition of heparin.

*Please note: Final concentration of **ELAREM™ Perform-FD PLUS** in cell culture medium can vary depending on cell type and experimental conditions. It is recommended to determine the optimal concentration – between 1% and 10% (v/v) – for the cells of interest.*

4. Complete cell culture medium can be stored at 4°C and is stable for up to 7 days.

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STORAGE AND STABILITY

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

Upon thawing, it is recommended to aliquot and refreeze samples of unused ELAREM™ Perform-FD PLUS. Repeated freeze-thaw cycles of ELAREM™ Perform-FD PLUS should be avoided.

Once thawed, ELAREM™ Perform-FD PLUS can be stored at 4°C up to 7 days.

STERILITY

ELAREM™ Perform-FD PLUS is aseptically processed. Microbial cultures are tested negative.

Quality control testing is carried out in a certified test laboratory.

SAFETY INFORMATION

Follow the handling instructions outlined in the Safety Data Sheet (SDS). Wear appropriate protective eyewear, clothing and gloves.

ELAREM™ Perform-FD PLUS is manufactured from platelet units obtained from healthy donors following European guidelines.

Certificate of Analysis (CoA) is available on request.

Note: Despite all testing, proper safety precautions for potentially infectious agents must be taken. All human blood products should be handled in accordance with currently acceptable biosafety practices and

guidelines for the prevention of blood borne viral infections.

RESEARCH USE ONLY (RUO) – NOT FOR ANY ANIMAL, HUMAN OR THERAPEUTIC USE

TECHNICAL SUPPORT

If you have any product-related questions, please feel free to contact us by phone at +49 241 957 19-100 or by e-mail at info@pl-bioscience.com.

Interested in
the GMP product?
Please contact us:
info@pl-bioscience.com

SEND US YOUR REQUEST
www.pl-bioscience.com/contact

