

# PRODUCT DATA SHEET

ELAREM™ Perform-FD PLUS



## ELAREM™ Perform-FD PLUS

**Research Grade**

- + CLOT-FREE FIBRINOGEN-DEPLETED HPL**
- + NO HEPARIN ADDED OR REQUIRED**
- + HIGH PERFORMANCE & EFFICIENT LAB PROCESS**
- + EU ORIGIN FOR LONG TRACEABILITY**

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

Due to the **unique fibrinogen-depletion technique**, **ELAREM™ Perform-FD PLUS** is **clot-free and heparin-free**. The product neither requires the addition of anticoagulants (e.g. heparin) in cell culture nor during manufacturing.

**ELAREM™ Perform-FD PLUS** is derived from **EU origin** platelet units which ensures **long raw material traceability periods**.

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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.

## BACKGROUND

Cell expansion in animal-free conditions remains a major challenge in cell culture. With our **ELAREM™ Platform Technology**, we developed animal component-free cell culture supplements that cover all applications, from academic research to pre-clinical research and cell therapy – one solution at a time.

As one part of our Human Platelet Lysate Platform, **ELAREM™ Perform-FD PLUS** is suited to cell expansion applications from basic research to clinical development.

Due to the unique fibrinogen-depletion technique, **ELAREM™ Perform-FD PLUS** is clot-free and heparin-free, so it 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.

Next to that, **ELAREM™ Perform-FD PLUS** is derived from EU origin platelet units which ensures a long traceability period of 30 years.

## 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).

## STORAGE AND STABILITY

**ELAREM™ Perform-FD PLUS** products are 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.

## STERILITY

**ELAREM™ Perform-FD PLUS** is aseptically processed. Microbial cultures tested negative. Quality control testing is carried out in a certified test laboratory.

## TRACEABILITY AND PRECAUTIONS

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

## PRODUCT SUPPORT

If you have any questions, please feel free to contact us by phone at +49 241 957 19-100 or by e-mail at [info@pl-bioscience.com](mailto:info@pl-bioscience.com).

Interested in  
the GMP product?  
Please contact us:  
[info@pl-bioscience.com](mailto:info@pl-bioscience.com)

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