

ELAREM Perform-FD Plus

- Human Platelet Lysate

The Xeno-free Cell Culture Supplement

KRISHGEN BioSystems
OUR REAGENTS, YOUR RESEARCH

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	-20°C	1 year	PE30611
ELAREM™ Perform-FD PLUS	Research Grade	100 mL	No	-20°C	1 year	PE30811
ELAREM™ Perform-FD PLUS	Research Grade	500 mL	No	-20°C	1 year	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).

If you are interested in ELAREM™ Perform-FD PLUS - GMP Grade, please contact us via e-mail at: info@pl-bioscience.com.

PREPARATION OF CELL CULTURE MEDIUM

1. Thaw ELAREM™ Perform-FD PLUS in a 37°C water bath until completely thawed.
2. Particles or turbidity may appear in thawed ELAREM™ Perform-FD PLUS, but do not affect cell culture performance. If particles are dis-

turbing, 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 10% (v/v) ELAREM™ Perform-FD PLUS to basal medium (e.g. MEM α, DMEM), together with 2 mM L-glutamine, if not included, and antibiotics, if required. 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 2 weeks.

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 -20°C to -40°C until use.

Upon thawing, it is recommended to aliquot and re-freeze 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 tested negative. Quality

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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 eye-wear, 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 guide-lines for the prevention of blood borne viral infections.

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

Interested in
the GMP product?

Please contact us
kbiinfo@krishgen.com

					
	ELAREM™ Prime	ELAREM™ Perform	ELAREM™ Perform-FD	ELAREM™ Perform-FD PLUS	ELAREM™ Ultimate-FDI
	LOWER-COST	PERFORMANCE-ORIENTED	FIBRINOGEN-DEPLETED (FD)	FD & HEPARIN-FREE	VIRUS-INACTIVATED
APPLICATION GRADE	Research	Research GMP	Research GMP	Research (GMP to follow)	GMP
RAW MATERIAL ORIGIN	EU	EU	US	EU	US
HEPARIN REQUIRED	✓	✓	X	X	X
FIBRINOGEN-DEPLETED	X	X	✓	✓	✓
GAMMA-IRRADIATED	X	X	X	X	✓