

Datasheet for ABIN7581798

## ELAREM® Perform FD PLUS, Research Grade



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### 1 Image

#### Overview

Quantity:	50 mL
Application:	Cell Culture (CC), Cell Culture Supplement (CCS)

#### Product Details

Purpose:	Human Platelet Lysate: cell culture supplement, Ready to use
Brand:	ELAREM®
Characteristics:	ELAREM™ Perform-FD PLUS Research Grade is a fibrinogen-depleted and anticoagulant-free Human Platelet Lysate of EU origin. As a xeno-free and easy-to-use cell culture supplement, ELAREM™ Perform-FD PLUS Research Grade 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 anticoagulant-free Human Platelet Lysate. The product neither requires the addition of anticoagulants 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 anticoagulants offers even more convenient cell growth conditions.

ELAREM™ Perform-FD PLUS is manufactured under an ISO 9001:2015 certified Quality Management System. Each batch is produced from large pools of platelet units. That ensures batch-to-batch consistency and enables reproducible conditions. ELAREM™ Perform-FD PLUS is manufactured from platelet units obtained from healthy blood donors at licensed blood centres in the EU.

Sterility:	Sterile
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## Product Details

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Grade: Research Grade

Components: Fibrinogen-depleted, clot-free Human Platelet Lysate, no anticoagulant required or added

## Application Details

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Application Notes: Replacing animal sera, e.g. FBS (Fetal Bovine Serum), by Human Platelet Lysate allows for cell expansion as well as clinical cell manufacturing. The elimination of xenogeneic risks and potential bovine prion transmission significantly extends the application possibilities. Our Human Platelet Lysates are standardized and safe cell culture supplements ensuring high cell performance rates and reproducible results.

Due to the high amount of growth factors and cytokines, our Human Platelet Lysates are predestined to expand numerous human and animal primary cells and immortalised cell lines.

We recommend a concentration of 10% (vol./vol.) Human Platelet Lysate in the cell culture medium. Our experience has shown that this concentration generally achieves best results. However, the final concentration of Human Platelet Lysate in the cell culture medium can vary depending on cell type and experimental conditions. We recommend to determine the optimal concentration for the cells of interest. Some of our customers even use less than 5% (vol./vol.) Human Platelet Lysate and are very satisfied with the cell performance.

Comment: ELAREM™ platform is a portfolio of cell culture media based on human platelets. Due to their high growth factor content, human platelets are rich in nutrients necessary for in vitro cell expansion. The solution that extracts these relevant factors out of human platelets is called Human Platelet Lysate.

All ELAREM™ products are xeno-free cell culture supplements. This means that the cell culture supplements and potential related products do not contain any animal components.

Restrictions: For Research Use only

## Handling

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Format: Liquid

Storage: -20 °C

Storage Comment: -20°C



Cell Culture Supplement

Image 1.