



## Human Platelet Lysate (hPL)

Product	hPL PLATINUM
Intended use	Research grade
Reference number	P480R
Lot number	PL20241113
Expiration date	13/11/2026
Shipping conditions	Dry ice
Storage temperature	$\leq -70^{\circ}\text{C}$
Bag volume	180 mL

### Origin:

The hPL is prepared from blood donations collected from consenting, non-remunerated voluntary donors of the Belgian Red Cross Flanders.

### Analysis of the final product:

Test	Specification	Result
Sterility	No aerobic and anaerobic growth	Pass
Endotoxin	$< 5.00 \text{ EU/mL}$	Pass
Mycoplasma	Below detection limit	Pass
Total protein	40 – 80 g/L	Pass
$\text{Ca}^{2+}$	$\leq 2.0 \text{ mM}$	Pass
Osmolality	280 - 340 mOsm/kg	Pass
pH	6.5 – 8.5	Pass
Fibrinogen	$\leq 30\mu\text{g/mL}$	Pass
Cell growth performance	Proliferation of human adipose-derived stem cells (hADSC)	Pass

QC testing is complete and the product meets the predefined release criteria.

Signature of Quality Assurance Unit	Date
	13-dec-2024

