



Human Platelet Lysate

For expansion and maintenance of primary human cells, including MSCs

XENO-FREE ALTERNATIVE TO FBS (Fetal Bovine Serum)

Made in Germany ✓

Rich in growth factors and cytokines ✓

Consistent inter-batch quality ✓



AVAILABLE IN 3 GRADES:

- CRUX RUFA **Research**
- CRUX RUFA **GMP & GMP-Q**
- CRUX RUFA **FD GMP & FD GMP-Q**

All grades are manufactured from platelet concentrates at a fully credentialed German blood center.

CRUX RUFA GMP and **CRUX RUFA GMP-Q** are manufactured under full GMP conditions.

CRUX RUFA GMP-Q represents the highest safety due to quarantine storage¹. All donors for this quality of platelet lysate have undergone and passed serology and NAT-testing for blood-transmissible infectious diseases for a second time, at least 4 months after the platelet donation.

CRUX RUFA FD is fibrinogen-depleted human platelet lysate. Thus, no addition of anticoagulants (e.g. heparin) is required to prevent coagulation. CRUX RUFA FD is available as GMP or GMP-Q.

Choose from one of our **CRUX RUFA Human Platelet Lysate** qualities:

CATALOG	DESCRIPTION	SPECIFICATION	SIZE
CR01-50ml	CRUX RUFA Research	Research	50ml bottle
CR03-100ml	CRUX RUFA GMP	GMP	100ml bag
CR04-100ml	CRUX RUFA GMP-Q	GMP Quarantine-free For therapeutic cell culture purposes	100ml bag
CR05-100ml	CRUX RUFA FD GMP	GMP - without Fibrinogen No addition of heparin required	100ml bottle
CR06-100ml	CRUX RUFA FD GMP-Q	GMP Quarantine-free - without Fibrinogen For therapeutic cell culture purposes No addition of heparin required	100ml bottle

¹according to 3.2.4.1. of German hemotherapy guidelines as pertaining to therapeutic single-donor plasma



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