PL BioScience
WE DELIVER CELL SOLUTIONS

HUMAN PLATELET LYSATE (HPL) IS THE ANIMAL-FREE CELL CULTURE SOLUTION OFFERING MULTIPLE BENEFITS:



TIME SAVING

Human growth factors and proteins accelerate cellular proliferation, leading to faster results.

MONEY SAVING

Economic benefits due to improved cell growth and less medium supplementation.

SAFETY

No risk of animal-derived pathogen and prion transmission.

REPRODUCIBILITY

Lot-to-lot consistency eliminates testing of every new batch.

STABLE SUPPLY & PRICE

Contractual supplier agreements ensure price and supply stability.

BROAD APPLICATIONS

Our products enhance expansion of various cell types for research or cGMP conform cell manufacturing.

SIMPLE SWITCH

Cells quickly get adapted to Human Platelet Lysate.

ETHICAL RESEARCH

You are able to perform ethical justifiable trials supporting animal welfare.

THE RIGHT SOLUTION FOR VARIOUS CELL CULTURE NEEDS – 90% RECURRING CUSTOMERS.

Product portfolio via
www.pl-bioscience.com/products

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RELEVANT RESEARCH SHOULD BE BASED ON ANIMAL CRUELTY-FREE MEDIA

FBS to achieve availability peak

The demand for GMP quality FBS is likely to exceed the maximum achievable production rate.

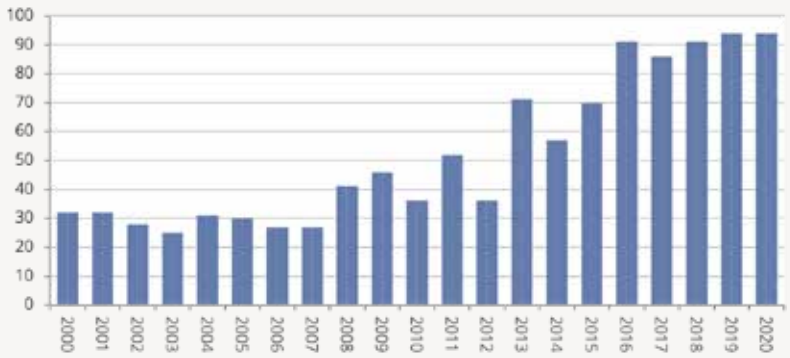
FBS demand [L]	vs.	FBS availability [L] p.a.
3,500		3,500
15,000		15,000
150,000		150,000
400,000		**200,000**
600,000		**200,000**
2,500,000		**200,000**
4,000,000		**200,000**

Source: Brindley et. al. Peak serum: implications of serum supply for cell therapy manufacturing. Regen. Med. 2012.

The limited availability of FBS for GMP applications will result in expensive solutions and intransparent tracing of the raw material if alternatives are not regarded timely.

Interest in Human Platelet Lysate emerges

The number of Human Platelet Lysate publications has been increasing steadily for years:



Source: PubMed. (Status: 02/2021)

Why PL BioScience?

LARGE PORTFOLIO
From 2D to 3D, from Research to GMP Grade HPL.

GLOBAL SALES NETWORK
We collaborate with long-standing international partners.

GMP COMPLIANCE
We follow a holistic QM System that ensures cGMP compliance.

CLINICAL TRIALS
Our products are established in international clinical trials.

INTELLECTUAL PROPERTIES
Our innovative technologies are patent-protected.

ONLINE SHOP
Simple ordering process directly via our website.

