PL BioScience
INNOVATING CELL CULTURE

ELAREM™ Human Platelet Lysate (HPL) Sustainability, Ethics, and Future

Sustainability and Ethics are wide-reaching, interdisciplinary issues that often fall to the wayside during the process of modern scientific research

Here are some of the ways PL BioScience and ELAREM™ HPL are contributing to a more ethical and sustainable future for cell culture research across the globe



Contact us to get a HPL sample of your own!

PL BioScience GmbH
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"How we conduct our research is often just as important as the results of our research"

Upcycling

HPL is produced from the upcycling of unused, transfusion approved human thrombocytes from licensed blood centres.

Ethical Dumping

FBS production is banned within the EU, leading to production being outsourced to countries with lower ethical, environmental, and regulatory hurdles to do the dirty work.

Rising Demand

In 2017, an estimated demand 800,000 litres of FBS was forecasted, costing the equivalent of 1-2 million calves to satisfy.

The global demand has since increased exponentially with the continued growth of emerging markets, as well as continued developments in the fields of Cell and Gene Therapy.

HPL thus represents a more sustainable and ethical alternative to satisfy this demand

Cattle Welfare

HPL production does not depend on the commercial cattle slaughter industry, and does not involve the opportunistic blood harvesting of unborn calves.

Forest Preservation

HPL production does not contribute to deforestation, typically seen during cattle rearing practices.

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ELAREM™ Human Platelet Lysate (HPL)

Xeno-free media supplement for superior cell expansion

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Simple Switch

Cell lines quickly adapt to HPL supplementation

Reproducibility

Lot-to-lot consistency mitigates batch testing

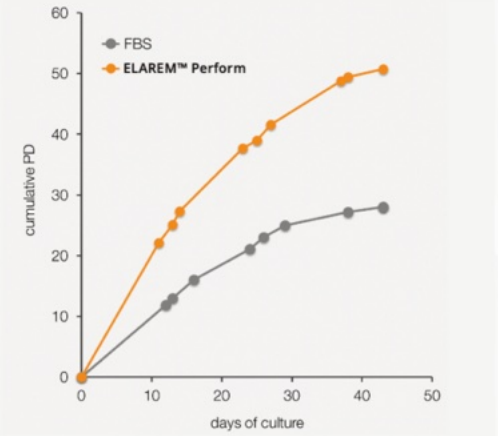
Safety

No risk of animal-derived contaminants

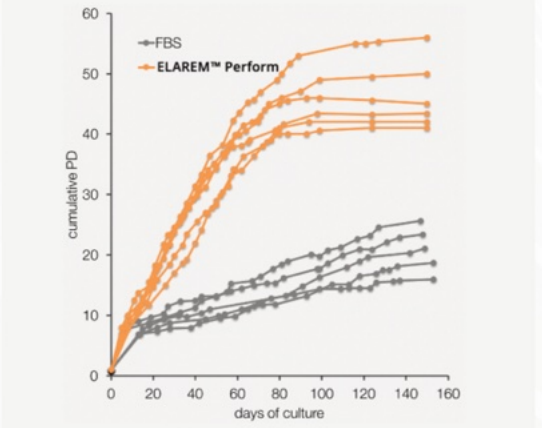
Broad Applications

From academic, to pre-clinical, and GMP-compliant cell therapy research

ELAREM™ Perform - Short-term culture of MSC



Long-term culture of MSC





Contact us for samples!

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