



## Human Platelet Lysate

**For expansion and maintenance of primary human cells, including MSCs**

### **Xeno-free alternative to FBS (Fetal Bovine Serum)**

- Manufactured from human platelet concentrates at a German blood bank
- Consistent inter-batch quality

Crux Rufa media supplement is a German-made human platelet lysate. Rich in growth factors and cytokines, human platelet lysate supports the expansion of human adherent and non-adherent primary cells and cell lines, including primary mesenchymal stroma cells (hMSCs) as an all-human alternative to FBS (Fetal Bovine Serum). Human as opposed to bovine growth factors specifically provide optimal proliferation signals to finicky human cells which won't grow in bovine serum. Unlike FBS, Crux Rufa is not associated with a risk for xenogenic immune reactions or transmission of bovine prions and pathogens, making Crux Rufa an attractive media supplement for translational researchers. Crux Rufa is manufactured under strictly aseptic conditions from spent platelet concentrates obtained from blood donors tested for communicable diseases exceeding standards put forth in the German guidelines for blood products. Each batch represents at least 100 donors, which ensures high inter-batch consistency. Custom batch sizing or batch reservation is possible upon request.

Not for human or diagnostic use. For research use only.



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