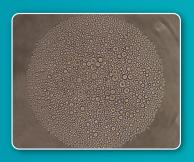


## HemEx<sup>™</sup>-TypeH

## Human HSC expansion basal medium

\*Requires the addition of chemically synthesized agonists, etc.





- Specially designed for human HSC.
- Confirmed the proliferation of human HSPC.
- Supervised by Professor Satoshi Yamazaki.

## HemEx<sup>™</sup>-TypeH \*Requires the addition of chemically synthesized agonists, etc.

- HemEx-TypeH is optimized for expansion of human HSC.
- This product developed by Dr. Yamazaki is manufactured with strict quality control in CSTI.
- For information on obtaining Butyzamide, a chemically synthesized agonist to be added, please contact Celaid Therapeutics Inc. (contact@celaidtx.com)
- It is necessary to add L-glutamine at a concentration of 4mM.



## Human HSCs expansion after 10 days in culture Fig.1 Number of cells Fig.2 An example flow cytometry plot displaying human HSC 10000 Q1 6.70 Q2 39.3 10<sup>5</sup> **Human HSCs** 8000 10<sup>4</sup> Cell number 6000 CD201 4000 -10<sup>3</sup> 0 2000 -10<sup>3</sup> Q4 23.5 Q3 30.6 0 **10**<sup>5</sup> -10<sup>3</sup> 0 10<sup>3</sup> 10<sup>4</sup> Exp1 1000 cells at seeding **CD34**

Code (CSTI/NIPRO)	Product Name	Description	Volume
A2D10P01C / 87-079	HemEx-TypeH	Human HSC basal medium	100mL(P)
Supplement			
Code (CSTI/NIPRO)	Product Name	Description	Volume
1104 / 87-885	200mM L-Glutamine solution	200mM L-Glutamine solution	100mL(P)
			(P) PET bottle

\* For Research use only.



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