

# HSC-BANKER<sup>®</sup> - GMP Grade

## Hematopoietic Stem Cells Cryopreservation Medium

- Serum-Free
- Chemically Defined
- GMP Manufactured



Cat#: 11900

Qty: 15ml

Expiry Date: 3 years from manufacturing date (see label)

### Cell Freezing:

- Remove red blood cells from the cord blood collection.
- Separate the cord blood into plasma and buffy coat fractions by centrifugation at 400 x g for 10 minutes.
- Reduce the volume of the cord blood to 13 mL by removing the plasma.
- Add gently an equal volume (13 mL) of HSC-BANKER<sup>®</sup> GMP grade to the cord blood, and place the freezing bag in a controlled rate freezer to gradually freeze the cord blood to -80°C.
- After the cord blood has reached the temperature of below -80°C, transfer it to a liquid nitrogen tank for long term storage.

### Guarantee of Quality:

1. Manufactured in compliance with JPN, EU, US, and PIC/S GMP guidelines
2. Bacterial contamination free - Product has been tested and confirmed to be free of bacteria, fungi and mycoplasma.
3. Chemical Analysis: pH (7.0 to 8.5 at room temperature) Endotoxin (below <5 EU/mL)

### Storage of HSC-BANKER<sup>®</sup>:

1. STEM-CELLBANKER<sup>®</sup> should be stored at 4°C or below.
2. Keep frozen in case of long term unused period (3 months or longer)
3. Repeated freezing and thawing may impair the quality of the product.

Holm *et al.* (2010) An effective serum- and xeno-free chemically defined freezing procedure for human embryonic and induced pluripotent stem cells. *Hum Reprod.* 25(5):1271-9. Epub 2010 Mar 5.

AMSBIO | [www.amsbio.com](http://www.amsbio.com) | [info@amsbio.com](mailto:info@amsbio.com)

 **UK & Rest of the World**  
184 Park Drive, Milton Park  
Abingdon OX14 4SE, UK  
T: +44 (0)1235 828 200  
F: +44 (0) 1235 820 482

 **North America**  
1035 Cambridge Street,  
Cambridge, MA 02141  
T: +1 (617) 945-5033 or  
T: +1 (800) 987-0985  
F: +1 (617) 945-8218

 **Germany**  
Bockenheimer Landstr. 17/19  
60325 Frankfurt/Main  
T: +49 (0) 69 779099  
F: +49 (0) 69 13376880

 **Switzerland**  
Centro Nord-Sud 2E  
CH-6934 Bioggio-Lugano  
T: +41(0) 91 604 55 22  
F: +41(0) 91 605 17 85

## Product Range:

Code	Description	Pack Size
11900	HSC-BANKER® - GMP	15ml
11889	CELLBANKER® 1 - Serum Containing	20 ml
11884	CELLBANKER® 1 - Serum Containing	4 x 20 ml
11888	CELLBANKER® 1 - Serum Containing	100 ml
11892	CELLBANKER® 2 - Serum Free	20 ml
11891	CELLBANKER® 2 Serum Free	4 x 20 ml
11893	CELLBANKER® 2 - Serum Free	100 ml
11897	STEM-CELLBANKER® - GMP	20 ml
11894	STEM-CELLBANKER® - GMP	4 x 20 ml
11890	STEM-CELLBANKER® - GMP	100 ml
11897F	STEM-CELLBANKER® - GMP - DMSO Free	20 ml
11894F	STEM-CELLBANKER® - GMP - DMSO Free	4 x 20 ml
11890F	STEM-CELLBANKER® - GMP - DMSO Free	100 ml
11898	CELLOTION cell wash solution	100 ml

AMSBIO | [www.amsbio.com](http://www.amsbio.com) | [info@amsbio.com](mailto:info@amsbio.com)



**UK & Rest of the World**  
184 Park Drive, Milton Park  
Abingdon OX14 4SE, UK  
T: +44 (0)1235 828 200  
F: +44 (0) 1235 820 482



**North America**  
1035 Cambridge Street,  
Cambridge, MA 02141  
T: +1 (617) 945-5033 or  
T: +1 (800) 987-0985  
F: +1 (617) 945-8218



**Germany**  
Bockenheimer Landstr. 17/19  
60325 Frankfurt/Main  
T: +49 (0) 69 779099  
F: +49 (0) 69 13376880



**Switzerland**  
Centro Nord-Sud 2E  
CH-6934 Bioggio-Lugano  
T: +41(0) 91 604 55 22  
F: +41(0) 91 605 17 85