

HSC-BANKER[®] GMP Grade

Hemopoietic Stem Cells Cryopreservation Medium

- Serum-Free
- Chemically Defined
- GMP Manufactured



Cat#: 13929 (previously [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[®] 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.

Chemical Analysis: pH (7.0 to 8.5 at room temperature) Endotoxin (below <5 EU/mL)

Storage of HSC-BANKER[®]:

1. STEM-CELLBANKER[®] 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.

Disclaimer:

STEM-CELLBANKER[®] GMP grade is not by itself a pharmaceutical. Therefore, no warranty, express or implied, is made as to the fitness and suitability of this product for any particular purpose and/or merchantability unless the use is intended for research.

AMSBIO | www.amsbio.com | info@amsbio.com

UK & Rest of the World 
184 Park Drive, Milton Park
Abingdon OX14 4SE.
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

Europe 
Berenkoog 41,
1822 BH Alkmaar,
Netherlands
T: +31 (0)728080244
F: +31 (0)728080142

Switzerland 
Via Lisano 3,
(CP.683)
CH-6900
T: +41 (0) 91 604 55 22
F: +41 (0) 91 605 17 85

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

Product Range:

Description	Pack Size
CELLBANKER® 1 – Serum Containing	20 ml
CELLBANKER® 1 – Serum Containing	4 x 20 ml
CELLBANKER® 1 – Serum Containing	100 ml
CELLBANKER® 2 – Serum Free	20 ml
CELLBANKER® 2 – Serum Free	4 x 20 ml
CELLBANKER® 2 – Serum Free	100 ml
STEM-CELLBANKER® - GMP	20 ml
STEM-CELLBANKER® - GMP	4 x 20 ml
STEM-CELLBANKER® - GMP	100 ml
STEM-CELLBANKER® - GMP - DMSO Free	20 ml
STEM-CELLBANKER® - GMP - DMSO Free	4 x 20 ml
STEM-CELLBANKER® - GMP - DMSO Free	100 ml
STEM-CELLBANKER® EX - GMP	100 ml
CELLOTION cell wash solution	100 ml

Citations:

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 | info@amsbio.com

UK & Rest of the World 
 184 Park Drive, Milton Park
 Abingdon OX14 4SE.
 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

Europe 
 Berenkoog 41,
 1822 BH Alkmaar,
 Netherlands
 T: +31 (0)728080244
 F: +31 (0)728080142

Switzerland 
 Via Lisano 3,
 (CP.683)
 CH-6900
 T: +41 (0) 91 604 55 22
 F: +41 (0) 91 605 17 85

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