

# HSC-BANKER® - 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® 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®:

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.

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.

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## 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

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