

无血清细胞冻存液

Wako

BAMBANKER® 可用于ES/iPS细胞研究

BAMBANKER® 是一种无血清细胞冻存液，可在-80℃长期保存细胞（ES/iPS细胞、肿瘤细胞和常规细胞）。

产品特性

- 即用型细胞冻存液
- 无需程序降温盒及稀释
- 不含血清
- -80℃长期保存
- 细胞复苏活率高

无菌检测**

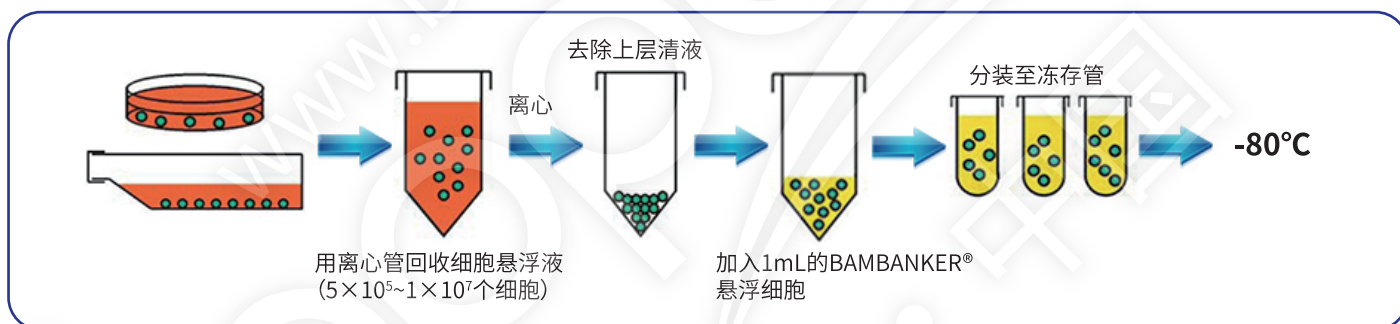
- 内毒素: 生色底物法
 - 支原体: 荧光抗体法
 - 真菌和细菌: 依据日本药典
- (** : 可索取检验证书)



操作流程

- 1) 收集对数生长期的细胞 ($5 \times 10^5 \sim 1 \times 10^7$ 个细胞) ;
- 2) 用1mL该冻存液悬浮细胞, 置于冻存管中, 无需预冷, 直接-80℃冷冻保存; 在-80℃冻存12小时后可转移至液氮中保存。
- 3) 用恒温箱或者水浴锅快速复苏细胞。

*冷冻细胞必须处于对数生长期



应用

实验证明可用于以下细胞系保存(只列出部分细胞系):

小鼠ES细胞系	K562 (人慢性骨髓性白血病细胞系)	BAEC (牛主动脉血管内皮细胞系)	小鼠脾脏活化淋巴细胞
3T3-L1 (小鼠前脂肪细胞系)	human B cell line (人B细胞系)	TSU-Pr1 (人前列腺癌细胞系)	OKT4 (小鼠杂交瘤细胞)
C2C12 (小鼠骨骼肌细胞系)	HEK293 (人胎儿肾细胞系)	HeLa (人宫颈癌细胞系)	HepG2 (人肝癌细胞系)
MEF (小鼠胚胎成纤维细胞)	HEK293T (人胎儿肾细胞系)	human $\gamma\delta$ T cells (人 $\gamma\delta$ T细胞)	Daudi (人B细胞系)
NIH3T3 (小鼠胎儿皮肤细胞)	ECV304 (人脐静脉内皮细胞系)	Huh7 (人肝癌细胞系)	RPE (人视网膜上皮细胞系)
PC12 (大鼠源肾上腺嗜铬细胞瘤)	HeLa S3 (人宫颈癌细胞系)	LM-1 (人胰腺癌细胞系)	永生化人肌肉细胞
P3U1 (小鼠骨髓瘤细胞系)	A431 (人扁平上皮癌细胞系)	Jurkat (人白血病T细胞系)	人胃上皮细胞
SNL (小鼠胚胎成纤维细胞)	PANC-1 (人胰腺癌细胞系)	MDCK (犬肾小管上皮细胞系)	Vero (非洲绿猴肾细胞系)
OP9 (小鼠骨髓基质细胞)	KATOIII (人胃癌上皮细胞系)	H295R (肾上腺皮质细胞)	猴B细胞系
Balb/3T3 (小鼠成纤维细胞系)	HFF (人正常成纤维细胞系)	人外周血活化淋巴细胞	

产品信息

产品编号	产品名称	规格	保存
302-14681	BAMBANKER® Serum-Free Cell Freezing Medium 无血清细胞冻存液	120mL	-2~-10℃
306-14684		20mL×5	

BAMBANKER® 由 [Wako](#) 日本LYPHOTEC Inc.公司研发生产。

实验结果(细胞冻存效果验证)

*1:细胞-80℃的保存时间

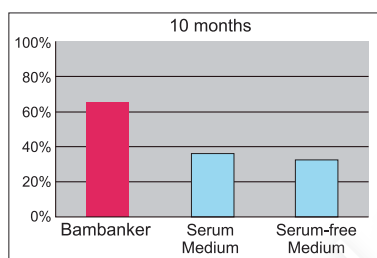
细胞冻存液类型

1. BAMBANKER® (LYMPHOTEC Inc.)
2. Medium with serum (含血清, Company A)
3. Serum-free Medium (无血清, Company A)

human γ T cells

Storage Period	10 months *1
Bambanker	65%
Serum Medium	37%
Serum-free Medium	35%

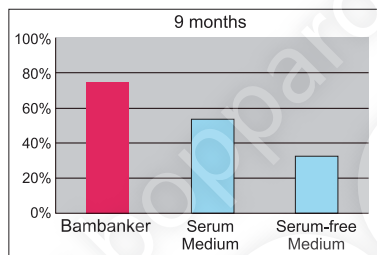
Cell number/vial 1.0×10^6



human B cell line

Storage Period	9 months *1
Bambanker	74%
Serum Medium	54%
Serum-free Medium	35%

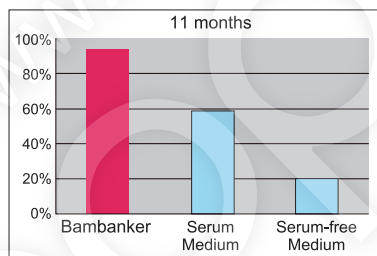
Cell number/vial 1.0×10^6



PC12 (rat-derived adrenal pheochromocytoma)

Storage Period	11 months *1
Bambanker	95%
Serum Medium	59%
Serum-free Medium	20%

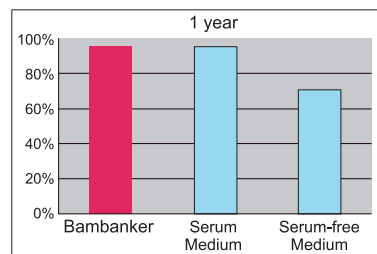
Cell number/vial 1.0×10^6



P3U1 (mouse myeloma cell line)

Storage Period	1 year *1
Bambanker	95%
Serum Medium	95%
Serum-free Medium	70%

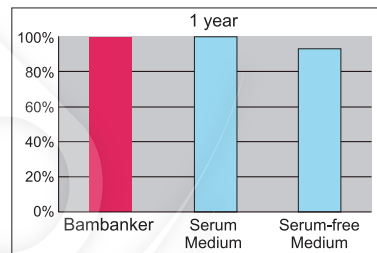
Cell number/vial 2.0×10^6



OKT4 (mouse hybridoma)

Storage Period	1 year *1
Bambanker	100%
Serum Medium	100%
Serum-free Medium	92%

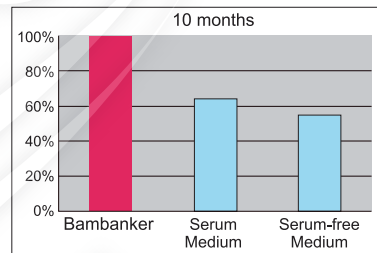
Cell number/vial 1.3×10^6



human gastric epithelial cells

Storage Period	10 months *1
Bambanker	100%
Serum Medium	62%
Serum-free Medium	56%

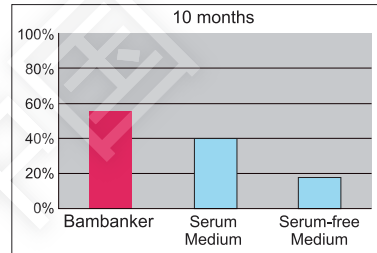
Cell number/vial 1.0×10^6



monkey B cell line

Storage Period	10 months *1
Bambanker	56%
Serum Medium	40%
Serum-free Medium	18%

Cell number/vial 1.0×10^6



参考文献

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