

CIK Activated Agent Kit (CIK-CYT)

Cat#: 6141011

[Product Name]

CIK Activated Agent Kit (CIK-CYT)

[Product Description]

CIK Activated Agent Kit (CIK-CYT) is formulated by Dakewe according to the type and dose of stimulating factors required by the optimized cell culture on the basis of a large number of groping and experiments on CIK cell and T lymphocyte culture, and is mainly used as an activated agent for induction of human CIK cell culture. This product has stable batch-to-batch quality and can be used in combination with various serum-free or serum-containing culture media to induce activation of CIK cells. During use, add it to the medium at a ratio of 1:100.

[Model & Specification]

Product Name	Cat. No.	Specification	Components
CIK Activated Agent Kit (CIK-CYT)	6141011	500 µL	CIK Activated Agent I
		500 µL	CIK Activated Agent II

[Storage Conditions and Validity Period]

-15°C~-25°C, avoid repeated freezing and thawing, valid for 12 months.

[Direction for Use]

For cell culture, add CIK Activated Agent I and CIK Activated Agent II to the overall system at a ratio of 1:100 for use, respectively.

Total medium volume	CIK Activated Agent I	CIK Activated Agent II
10 mL	100 µL	100 µL
20 mL	200 µL	200 µL
50 mL	500 µL	500 µL








Specific Culture Method:

- On Day 0, collect blood and separate PBMCs.
- Seed the separated PBMCs in T75 or T175 cell culture flasks at a concentration of $2\sim 2.5 \times 10^6$ cells/mL using the complete medium (recommended use of L500/L100 medium + autologous plasma/Cell Culture Supplemental Mix), add **CIK Activated Agent I** at a ratio of 1:100, and culture in a 37°C incubator containing 5% CO₂.
- After 24 h, i.e., on Day 1, add **CIK Activated Agent II** at a ratio of 1:100 to stimulate proliferation of CIK cells.
- From Day 3 or Day 4, take samples every 2 days to count the cell concentration and supplement the medium (containing 1000 IU/mL recombinant human IL-2) according to the count results, and adjust the cell concentration to $1\sim 1.5 \times 10^6$ cells/mL.
- Select a larger flask or transfer into the cell culture bag according to the volume of cell culture suspension. The maximum culture volume of T75 flask is 40 mL and of T175 flask is 200 mL. When the medium volume exceeds 200 mL, transfer into the cell culture bag for culture.
- After at least 14 days of culture, harvest CIK cells.

[Notes]

- Avoid repeated freezing and thawing of this product, and pay attention to operate aseptically during use.

[Description of Product Symbol]

Product Symbol	Description	Product Symbol	Description
	Catalogue number		Batch code
	Date of manufacture		Temperature limit
	Use-by date		Consult instructions for use
	Manufacturer	/	/

[Related Product]

Product Name	Cat. No.	Size
L100 Lymphocyte Serum-Free Medium	6911011	1000 mL/bottle
L500 Lymphocyte Serum-Free Medium	6111021	1000 mL/bottle
L500 Lymphocyte Serum-Free Medium (GMP)	6811021	1000 mL/bottle
Human Peripheral Blood Lymphocyte Separation Tube	7922112	15 mL × 20 vials, sieve plate tube
Human Peripheral Blood Lymphocyte Separation Tube	7922021	50 mL × 25 vials, sieve plate tube
Density Reagent	7912011	250 mL/bottle
Human Lymphocyte Separation Medium	7111011	100 mL/bottle
Cell Culture Supplemental Mix	6122012	25 mL/bottle
	6122011	250 mL/bottle
Cell Culture Bag	6071011	640 cm ² , 10/pack

[Instruction Revision Date]

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