Vero 绿猴肾细胞

Cat Number：KG091　　For Research Use Only

一、组成:

组　份	KG091
细胞一瓶	25cm^2
细胞说明书	1 份
细胞培养注意事项	1 份

二、客户自备试剂:

1、PBS (凯基货号：KGB5001)

2、Complete growth medium (凯基货号：KGM 31800-500)

3、0.25% （W/V） Trypsin-0.53mM EDTA (凯基货号：KGY0012)

三、细胞简介:

Growth Properties:	adherent
Organism:	Cercopithecus aethiops (monkey, African green)
Source:	Organ: kidney Disease: normal
Isolation:	Isolation date: March, 1962
Cytogenetic Analysis:	This is a cell line with the hypodiploid chromosome count. The modal chromosome number was 58 occurring in 66% of cells. In most cells, over 50% of the chromosomes in each cell complement belonged to structurally altered marker chromosomes. Normal A3, A4, B4, and B5 were absent; B2, B3 and B7 were occasionally paired; and B9, C1 and C5 were mostly paired. The rate of cells with higher ploidies was 1.7%. Other chromosomes were mostly present in single copy.
Age:	adult
Comments:	The Vero cell line was initiated from the kidney of a normal adult African green monkey on March 27, 1962, by Y. Yasumura and Y. Kawakita at the Chiba University in Chiba, Japan. The cell line was brought to the Laboratory of Tropical Virology, National Institute of Allergy and Infectious Diseases, National Institutes of Health in the 93rd passage from Chiba University by B. Simizu on June 15, 1964.
Propagation:	Complete growth medium: RPMI-1640+10%CS+P/S Temperature: 37.0C Atmosphere: air, 95%; carbon dioxide (CO2), 5%
Subculturing:	Protocol: 1. Remove and discard culture medium.

	2. Briefly rinse the cell layer with 0.25% (w/v) Trypsin- 0.53 mM EDTA solution to remove all traces of serum that contains trypsin inhibitor. 3. Add 2.0 to 3.0 ml of Trypsin-EDTA solution to flask and observe cells under an inverted microscope until cell layer is dispersed (usually within 5 to 15 minutes). Note: To avoid clumping do not agitate the cells by hitting or shaking the flask while waiting for the cells to detach. Cells that are difficult to detach may be placed at 37° C to facilitate dispersal. 4. Add 6.0 to 8.0 ml of complete growth medium and aspirate cells by gently pipetting. 5. Add appropriate aliquots of the cell suspension to new culture vessels. 6. Incubate cultures at 37° C. Subcultivation ratio: A subcultivation ratio of 1:3 to 1:6 is recommended Medium renewal: 2 to 3 times per week
Preservation:	Freeze medium: Complete growth medium supplemented with 5% (v/v) DMSO Storage temperature: liquid nitrogen vapor phase

客户收到细胞后请务必仔细阅读细胞注意事项，确保细胞的培养条件一致，如果由于培养条件不一致导致细胞出现问题，责任由客户自行承担。由于运输的情况，所以极个别细胞会出现不稳定，客户收到细胞后务必第一时间和我们联系，告知细胞具体情况，以便我们技术人员能及时有效的和老师沟通，不胜感谢！