

XXXXXXXX CHO-K1 (XXXXXXXXXXXXXXXX XX XXXXXXXX) | 603486

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Description	CHO-K1 是 一种 细胞 系，由 小鼠 胚胎 组织 培养 而成。它 具有 许多 特性，如 生长 迅速、易于 培养、对 许多 病毒 具有 抗性 等。CHO-K1 细胞 系 被 广泛 用于 生物 医学 研究，如 蛋白质 表达、疫苗 生产、细胞 凋亡 研究 等。
Organism	鼠 类
Tissue	细胞 系
Applications	CHO-K1 细胞 系 被 广泛 用于 生物 医学 研究，如 蛋白质 表达、疫苗 生产、细胞 凋亡 研究 等。
Synonyms	CHO K1、CHOK1、CHO K1、GM15452
Age	细胞 系
Gender	细胞 系
Morphology	细胞 系
Growth properties	细胞 系
Citation	CHO-K1 细胞 系 (Cytion: 603486)
Biosafety level	1
NCBI_TaxID	10029
CellosaurusAccession	CVCL_0214

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XIX

Virus susceptibility

Reverse transcriptase 

Karyotype XXXXX XXXXX XXXXXXXXXX 50 XXXX; 2X=22. XXX XXXXXXXXXXX XXXXXXXX XXXX XXXXXXXX

XXXXXXXXXXXX

Culture Medium ☐ CD CHO ☒ ThermoFisher ☐ ☐ ☐ ☐ ☐

Supplements L-151111: 10000 100 100 100000 100000 100 8 1000000 (10000 40 10 100 100 100 100000 100000 100000 200 1000000)

Dissociation Reagent

Doubling time 22 ☒☒☒☒

Subculturing

Seeding density 4×10^5 / 

Fluid renewal 2 3 4 5 6 7 8 9 10

Freeze medium α MEM + 10% FBS + 10% DMSO

CHO-K1 (CHO-K1 cells) | 603486

**Thawing and
Culturing Cells**

1. Thaw the cells quickly in a water bath at 37°C. Transfer the cells to a pre-warmed medium.
2. Seed the cells into a T75 flask containing 150 ml of pre-warmed medium.
3. Incubate the cells at 37°C in a humidified atmosphere of 5% CO₂.
4. Check the cell density after 24 hours. The cells should reach 70% confluence.
5. Pass the cells into a T75 flask when they reach 80% confluence.
6. Seed the cells into a 300 × 25 mm flask containing 3 ml of medium.
7. Incubate the cells at 37°C in a humidified atmosphere of 5% CO₂.
8. Harvest the cells when they reach 80% confluence.

**Incubation
Atmosphere**

37°C, 5% CO₂, humidified atmosphere

**Shipping
Conditions**

Cells are shipped in a dry ice container at -78°C.

**Storage
Conditions**

Cells should be stored at -150 to -196°C in liquid nitrogen.

CHO-K1 cells

Sterility

Cells are provided as a frozen stock and are free of mycoplasma contamination. (PCR) test results are available upon request.