

HK/FDC | 300204

General information

Description	HK/FDC is a cell line derived from a patient with B-cell acute lymphoblastic leukemia (FDC) (HK) and is characterized by the presence of the FDC gene. The cell line is derived from a patient with B-cell acute lymphoblastic leukemia (FDC) (HK) and is characterized by the presence of the FDC gene. The cell line is derived from a patient with B-cell acute lymphoblastic leukemia (FDC) (HK) and is characterized by the presence of the FDC gene. HK/FDC is a cell line derived from a patient with B-cell acute lymphoblastic leukemia (FDC) (HK) and is characterized by the presence of the FDC gene. The cell line is derived from a patient with B-cell acute lymphoblastic leukemia (FDC) (HK) and is characterized by the presence of the FDC gene. The cell line is derived from a patient with B-cell acute lymphoblastic leukemia (FDC) (HK) and is characterized by the presence of the FDC gene.
Organism	Human
Tissue	Leukemia, B-cell
Disease	B-cell acute lymphoblastic leukemia
Applications	Cell line for B-cell acute lymphoblastic leukemia research. The cell line is derived from a patient with B-cell acute lymphoblastic leukemia (FDC) (HK) and is characterized by the presence of the FDC gene. The cell line is derived from a patient with B-cell acute lymphoblastic leukemia (FDC) (HK) and is characterized by the presence of the FDC gene.
Synonyms	FDC/HK

Cell characteristics

Age	Unknown
Gender	Female
Ethnicity	Unknown
Morphology	Leukemia
Cell type	B-cell acute lymphoblastic leukemia
Growth properties	Unknown

Additional information

Citation	HK/FDC (Cytion 300204)
Biosafety level	1
NCBI_TaxID	9606

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CellosaurusAccession CVCL_IY38

GMO Status "wildtype"

Surface antigens CD14+, CD40+, ICAM-1+, VCAM-1+

Culture Medium EMEM (MEM Eagle), w: 2 mM L-Glutamine, w: 2.2 g/L NaHCO₃, w: EBSS (Cytion 820100a)

Supplements 10% FBS 1% NEAA

Dissociation Reagent

Doubling time 24–36

Subculturing 1–3 × 10⁵ cells per well in 25 cm² flasks or 96-well plates. Cells are grown in MEM (MEM Eagle) supplemented with 2 mM L-Glutamine, 2.2 g/L NaHCO₃, and 10% FBS. Cells are passaged every 3–5 days.

Split ratio 1 : 3

Seeding density 1 × 10⁵ cells/cm²

Fluid renewal 1 × 2 times per week

Post-Thaw Recovery 4–5 days

Freeze medium 10% FBS + 10% DMSO

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Thawing and
Culturing Cells

1. 将细胞冻存管放入 37°C 水浴中快速解冻，解冻后立即将细胞悬液转移到含有 1 mL 培养基的细胞培养瓶中，轻轻混匀。
2. 将细胞悬液转移到含有 1 mL 培养基的细胞培养瓶中，轻轻混匀。将细胞培养瓶放入 37°C 培养箱中培养 24 小时。
3. 将细胞培养瓶放入 37°C 培养箱中培养 24 小时。
4. 将细胞培养瓶放入 37°C 培养箱中培养 24 小时。
5. 将细胞培养瓶放入 37°C 培养箱中培养 24 小时。
6. 将细胞培养瓶放入 37°C 培养箱中培养 24 小时。
7. 将细胞培养瓶放入 37°C 培养箱中培养 24 小时。
8. 将细胞培养瓶放入 37°C 培养箱中培养 24 小时。

Incubation
Atmosphere

37°C, 5% CO₂, 饱和湿度

Flask Coating

无涂层

Freezing
Procedure

将细胞悬液转移到含有 1 mL 培养基的细胞培养瓶中，轻轻混匀。将细胞培养瓶放入 -80°C 冰箱中冷冻 24 小时。

Shipping
Conditions

将细胞冻存管放入冰袋中，放入保温箱中，在 2-8°C 条件下运输。

Storage
Conditions

将细胞冻存管放入 -150 至 -196°C 液氮中储存。

Sterility

本产品经过严格的灭菌处理，符合 GMP 标准。本产品不含任何抗生素、血清、生长因子等成分。本产品不含任何病毒、细菌、真菌、支原体等污染物。

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A*: '02:01:01, '25:01:01
B*: 14:02:01, 18:01:01
C*: 08:02:01, 12:03:01
DRB1*: '01:02:01, '15:01:01G
DQA1*: 01:01:02, 01:02:01
DQB1*: '05:01:01, '06:02:01
DPB1*: '02:01:02, '23:01:01
E: 01:01:01