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Organism	肝細胞癌
Tissue	肝細胞癌
Disease	肝細胞癌 肝細胞癌
Synonyms	HEP-CLS-1W

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Breed/Subspecies	C3H/HE
Age	♂♂♂♂
Gender	♂♂♂
Morphology	♂♂♂ ♀♀♀♀
Growth properties	♂♂

Citation	Hep-CLS-1W (Hep-CLS-1W Cytion 400414)
Biosafety level	1
NCBI_TaxID	10090
CellosaurusAccession	CVCL_5775

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Tumorigenic ,  C3H/HE

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Product sheet

Hep-CLS-1W | 400414

Culture Medium	Ham's F12, w: 1.0 mM β -mercaptoethanol, w: 1.0 mM β -mercaptoethanol, w: 1.1 g/L NaHCO ₃ (Cytion 820600a)
Supplements	10% FBS
Dissociation Reagent	Trypsin
Subculturing	Cells are grown in 25 cm ² flasks in DMEM/F12 supplemented with 10% FBS. When cells reach 80-90% confluency, they are trypsinized and seeded into new flasks. The medium is changed every 3-5 days.
Seeding density	1 x 10 ⁴ cells/cm ²
Fluid renewal	2-3 times per week
Post-Thaw Recovery	After thawing, cells are seeded into flasks with fresh medium. They are allowed to recover for 24 hours before being used for experiments.
Freeze medium	DMEM/F12 supplemented with 10% FBS and 10% DMSO
Thawing and Culturing Cells	- Cells are thawed in a 37°C water bath. - Cells are centrifuged at 300 x g for 5 minutes. - Cells are resuspended in DMEM/F12 supplemented with 10% FBS. - Cells are seeded into flasks at a density of 1 x 10⁴ cells/cm². - Cells are allowed to recover for 24 hours. - Cells are grown in DMEM/F12 supplemented with 10% FBS. - Cells are trypsinized and seeded into new flasks when they reach 80-90% confluency. - Cells are grown in DMEM/F12 supplemented with 10% FBS.
Incubation Atmosphere	37°C, 5% CO ₂

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Flask Coating

Flask Coating

**Freezing
Procedure**

Freezing Procedure: The cells are frozen in a freezing medium and stored at -78°C.

**Shipping
Conditions**

Shipping Conditions: The cells are shipped in a cooling medium and stored at -78°C.

**Storage
Conditions**

Storage Conditions: The cells are stored in a storage medium at -150 to 196 °C.

PCR

Sterility

Sterility: The cells are sterile and free of mycoplasmas. PCR results are negative.

The cells are tested for mycoplasmas and found to be negative.