RT-112-D21

300325

GENERAL INFORMATION

Description

□ชโตเคราติน (4),5,(6), 7, 8, 13, 17, 18, 19, เดสมอพลาคิน . ดัชนี DNA=2,1 (สายเซลล์นี้ถูกทำให้ทนต่อความ □ เข้มข้นของโดโซรูบิซินที่ 0.1 µg/ml โดยการเพิ่มโดโซรูบิซินในอาหารเลี้ยงเซลล์อย่างต่อเนื่อง)

Tissue	กระเพาะปัสสาวะ
Disease	มะเร็งชนิดคาร์ซินอมา

Synonyms

- RT112/D21

CLASSIFICATION

Organism	Human
Sex	Female
Growth properties	Adherent
Biosafety level	1

CHARACTERISTICS

Morphology	ลักษณะคล้ายเยื่อบุผิว
Tumourigenic	ใช่ ในหนูที่ □ม่มีขน

IDENTIFIERS

Citation

RT-112-D21 (หมายเลขแคตตาล็อก Cytion 300325)

NCBI TaxID	9606
Cellosaurus	CVCL_6215

HANDLING AND CULTURE

Culture medium

RPMI 1640, w: 2.0 mM กลูตามีนเสถียร , w: 2.0 กรัม /ลิตร NaHCO3 (หมายเลขบทความ Cytion 820700a)

Incubation atmosphere	37°C, 5%CO2, บรรยากาศชื้น

Supplements

เติมอาหารเลี้ยงเชื้อด้วย FBS 10%

Dissociation reagent	แอคคูเทส

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Banking information
Sparkasse Heidelberg
IBAN: DE35 6725 0020 0009 2076 86
BIC: SOLADES1HDB

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Subculturing

[illegible] PBS [illegible] T25 [illegible] PBS 3-5 [illegible]. [illegible] T75 [illegible] 5-10 [illegible]. [illegible] Accutase [illegible] 1-2 [illegible]. [illegible] T25 [illegible] 2.5 [illegible]. [illegible] T75[illegible] 8-10 [illegible] 10 [illegible] 300 [illegible] (300xg) [illegible] 3 [illegible]

Fluid renewal	2 [illegible] 3 [illegible]

Thawing and culturing

Confirm that the vial remains deeply frozen upon delivery, as cells are shipped on dry ice to maintain optimal temperatures during transit.
Upon receipt, either store the cryovial immediately at temperatures below -150°C to ensure the preservation of cellular integrity, or proceed to step 3 if immediate culturing is required.
For immediate culturing, swiftly thaw the vial by immersing it in a 37°C water bath with clean water and an antimicrobial agent, agitating gently for 40-60 seconds until a small ice clump remains.
Perform all subsequent steps under sterile conditions in a flow hood, disinfecting the cryovial with 70% ethanol before opening.
Carefully open the disinfected vial and transfer the cell suspension into a 15 ml centrifuge tube containing 8 ml of room-temperature culture medium, mixing gently.
Centrifuge the mixture at 300 x g for 3 minutes to separate the cells and carefully discard the supernatant containing residual freezing medium.
Gently resuspend the cell pellet in 10 ml of fresh culture medium. For adherent cells, divide the suspension between two T25 culture flasks; for suspension cultures, transfer all the medium into one T25 flask to promote effective cell interaction and growth.
Adhere to established subculture protocols for continued growth and maintenance of the cell line, ensuring reliable experimental outcomes.

QUALITY CONTROL AND CRYOPRESERVATION

Sterility

[illegible] PCR [illegible]

[illegible]

Freeze medium	[illegible] ([illegible] FBS) + 10% DMSO [illegible] CM-1 ([illegible] Cytion 800100) [illegible]

Storage conditions

[illegible] −150 [illegible] −196 °C [illegible] −80 °C [illegible]

Shipping conditions

[illegible] −78 °C [illegible]

DONOR

Donor age	[illegible]
Ethnicity	[illegible]

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LEGAL AND SAFETY

Safety precautions

[illegible]

Warranty

[illegible]Cytion [illegible]
[illegible]
60 [illegible]
[illegible]
[illegible]/[illegible]
[illegible]
<a href=""/Who-we-are/Warranty/"" hreflang=""x-default"">[illegible].

Material Transfer Agreement required	Yes