

VCaP | 300631

General information

Description	VCaP (Vertebral-Cancer of the Prostate) is a cell line derived from a patient with prostate cancer, characterized by the presence of the TMPRSS2-ERG fusion gene. VCaP is a highly aggressive cell line that is resistant to androgen deprivation therapy. VCaP is a cell line derived from a patient with prostate cancer, characterized by the presence of the TMPRSS2-ERG fusion gene. VCaP is a highly aggressive cell line that is resistant to androgen deprivation therapy.
Organism	Human
Tissue	Prostate
Disease	Prostate cancer
Metastatic site	Vertebral, Bone
Synonyms	VCAP, Vcap, VCaP, Vcap, VCaP, Vcap, VCaP, Vcap, VCaP, Vcap

Characteristics

Age	59 years
Gender	Male
Ethnicity	White
Growth properties	Adherent

Cell line characteristics

Citation	VCaP (Cytion 300631)
Biosafety level	VCaP is a cell line derived from a patient with prostate cancer, characterized by the presence of the TMPRSS2-ERG fusion gene. VCaP is a highly aggressive cell line that is resistant to androgen deprivation therapy. VCaP is a cell line derived from a patient with prostate cancer, characterized by the presence of the TMPRSS2-ERG fusion gene. VCaP is a highly aggressive cell line that is resistant to androgen deprivation therapy.
NCBI_TaxID	9606
CellosaurusAccession	CVCL_2235

Cell line characteristics

Product sheet

VCaP | 300631

Antigen expression	P53, -18, Rb
Tumorigenic	, SCID
Viruses	- Bxv-1
Culture Medium	DMEM:Ham's F12 (1:1), w: 3.1 g/L , w: 2.5 mM L-, w: 15 mM HEPES, w: 0.5 mM , w: 1.2 g/L NaHCO3 820400a)
Supplements	10% FBS
Dissociation Reagent	
Doubling time	5-6
Subculturing	-PBS , T25, -3-5 ' PBS, 3 . ,
Seeding density	4-8 x 10 ⁴ /
Freeze medium	(FBS) + 10% DMSO

VCaP | 300631

Thawing and
Culturing Cells

1. 将细胞悬液缓慢加入含有培养基的细胞培养瓶中，轻轻混匀，将细胞培养瓶置于37°C CO₂培养箱中培养。
2. 将细胞悬液缓慢加入含有培养基的细胞培养瓶中，轻轻混匀，将细胞培养瓶置于37°C CO₂培养箱中培养。
3. 将细胞悬液缓慢加入含有培养基的细胞培养瓶中，轻轻混匀，将细胞培养瓶置于37°C CO₂培养箱中培养。
4. 将细胞悬液缓慢加入含有培养基的细胞培养瓶中，轻轻混匀，将细胞培养瓶置于37°C CO₂培养箱中培养。
5. 将细胞悬液缓慢加入含有培养基的细胞培养瓶中，轻轻混匀，将细胞培养瓶置于37°C CO₂培养箱中培养。
6. 将细胞悬液缓慢加入含有培养基的细胞培养瓶中，轻轻混匀，将细胞培养瓶置于37°C CO₂培养箱中培养。
7. 将细胞悬液缓慢加入含有培养基的细胞培养瓶中，轻轻混匀，将细胞培养瓶置于37°C CO₂培养箱中培养。
8. 将细胞悬液缓慢加入含有培养基的细胞培养瓶中，轻轻混匀，将细胞培养瓶置于37°C CO₂培养箱中培养。

Incubation
Atmosphere

37°C, 5% CO₂, 饱和湿度

Flask Coating

无涂层

Freezing
Procedure

将细胞悬液缓慢加入含有培养基的细胞培养瓶中，轻轻混匀，将细胞培养瓶置于37°C CO₂培养箱中培养。

Shipping
Conditions

将细胞悬液缓慢加入含有培养基的细胞培养瓶中，轻轻混匀，将细胞培养瓶置于37°C CO₂培养箱中培养。

Storage
Conditions

将细胞悬液缓慢加入含有培养基的细胞培养瓶中，轻轻混匀，将细胞培养瓶置于37°C CO₂培养箱中培养。

VCaP | 300631 | 300631

Sterility

将细胞悬液缓慢加入含有培养基的细胞培养瓶中，轻轻混匀，将细胞培养瓶置于37°C CO₂培养箱中培养。