

## 22RV1 | 305037

### 22RV1

**Description**

22RV1 is a cell line derived from a patient with prostate cancer. It is characterized by high levels of androgen responsiveness and is used as a model for studying prostate cancer biology and drug response. The cell line is maintained in the presence of androgens and is highly sensitive to androgen withdrawal.

22RV1 is a cell line derived from a patient with prostate cancer (AR) and is highly sensitive to androgen withdrawal (PSA), making it a valuable model for studying prostate cancer biology and drug response.

22RV1 is a cell line derived from a patient with prostate cancer and is highly sensitive to androgen withdrawal. It is used as a model for studying prostate cancer biology and drug response.

22RV1 is a cell line derived from a patient with prostate cancer (CRPC). It is highly sensitive to androgen withdrawal and is used as a model for studying prostate cancer biology and drug response.

**Organism** Human

**Tissue** Prostate

**Disease** Prostate Cancer

**Synonyms** 22RV1, 22Rv-1, 22rV1, CWR-22rv1, CWR22-Rv1, CWR22R-V1, CWR22-R1, CWR22Rv1, CWR22R

### 22RV1

**Age** Adult

**Gender** Male

**Ethnicity** Caucasian

**Morphology** Epithelial

**Growth properties** Androgen dependent

### 22RV1

**Citation** 22RV1 (Cytion 305037)

**Biosafety level** 2

**NCBI\_TaxID** 9606

**CellosaurusAccession** CVCL\_1045



22RV1 | 305037

Thawing and Culturing Cells

1. Thaw the vial rapidly in a water bath at 37°C. Do not allow the cells to reach room temperature. Transfer the cells to a pre-warmed medium.
2. Seed the cells into a pre-warmed flask containing 15 mL of medium. Incubate at 37°C with 5% CO<sub>2</sub>.
3. Once the cells have reached confluence, passage them into a new flask. Use a trypsin solution to detach the cells.
4. Wash the cells with PBS. Resuspend them in a volume of medium that provides a cell density of approximately 10<sup>6</sup> cells/mL.
5. Seed the cells into a new flask. Incubate at 37°C with 5% CO<sub>2</sub>.
6. Once the cells have reached confluence, passage them into a new flask. Use a trypsin solution to detach the cells.
7. Wash the cells with PBS. Resuspend them in a volume of medium that provides a cell density of approximately 10<sup>6</sup> cells/mL.
8. Seed the cells into a new flask. Incubate at 37°C with 5% CO<sub>2</sub>.

**Incubation Atmosphere** 37°C, 5% CO<sub>2</sub>, humidified

**Flask Coating** None

**Freezing Procedure** Harvest cells and resuspend in freezing medium. Store at -80°C.

**Shipping Conditions** Store at -80°C.

**Storage Conditions** Store at -150°C for up to 196 weeks.

HLA

**Sterility** The cells are free of mycoplasmas and other contaminants. PCR confirmed.