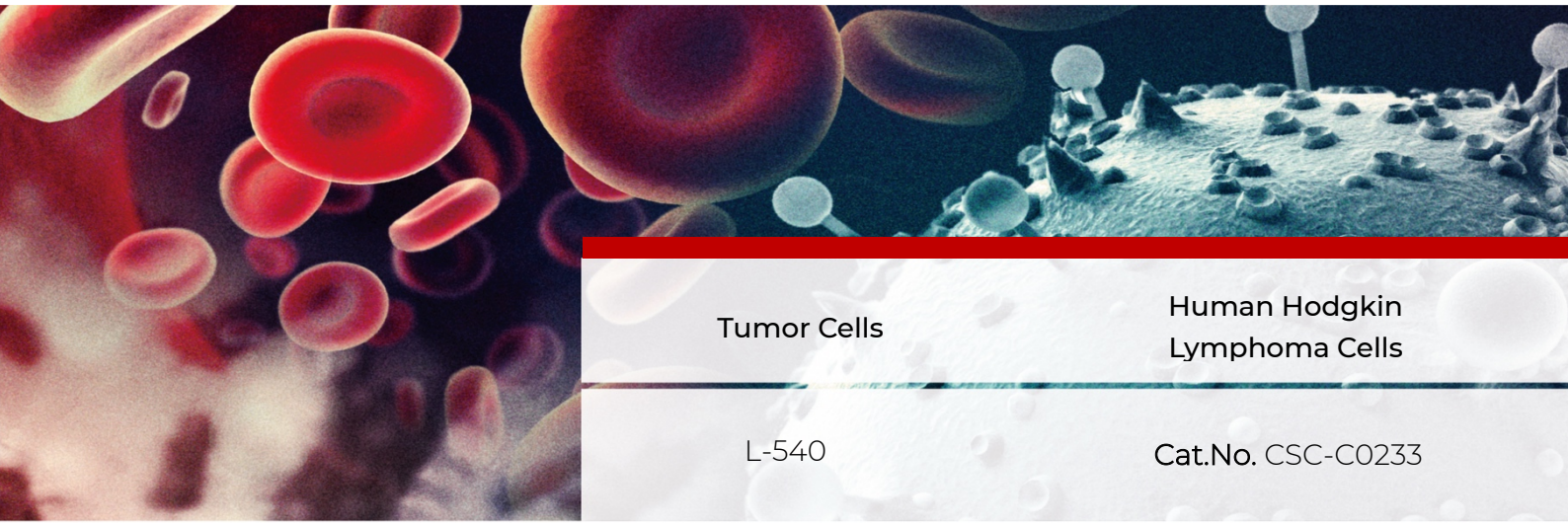

Tumor Cells	Human Hodgkin Lymphoma Cells
L-540	Cat.No. CSC-C0233

Product Description

Established from the bone marrow of a 20-year-old woman with Hodgkin lymphoma (nodular sclerosis; stage IVB, pre-terminal stage).

- Species: Human (Homo sapiens)
- Cell type: Hodgkin lymphoma
- Growth properties: Suspension
- Biosafety level: 1

Culture Properties

- Morphology: Round cells growing singly
- Medium: 80% RPMI-1640 + 20% h.i. FBS
- Incubation: at 37°C with 5% CO_2
- Harvest: Saturation density at about 1.5x10^6 cells/ml
- Storage: Frozen with 70% medium, 20% FBS, 10% DMSO

Storage Conditions

- Product format: Frozen
- Storage conditions: Store in liquid nitrogen

Pre-use Instruction Manual

1. After you receive the cells, please check whether there is liquid leakage first. If there is any leakage, please take photos and send them to us.
2. Then, please confirm the cell growth status under the microscope.

3. The day after receiving the cells, please check the cells for contamination. If contamination or suspected contamination is found, please contact us promptly.
4. Read the cell instructions carefully for related information such as apposition characteristics (apposition/suspension), cell morphology, the basal medium used, serum ratio, required cytokines, passaging ratio, frequency of exchange, *etc.*

Directions for Use

1. Recovery of frozen cells
    - Thaw frozen tubes containing cell suspension by shaking rapidly in a 37°C water bath, add to centrifuge tubes containing 4-6 mL complete medium, and mix them well.
    - Centrifuge at 1000 rpm for 3-5 min, discard the supernatant and resuspend the cells with complete medium.
    - The cell suspension is then added to a culture flask (or dish) containing 6-8ml of complete medium and incubated overnight at 37°C.
    - Cell growth and cell density are observed under a microscope the next day.
2. Cell subculture
    - If the cell density reaches 80%-90%, the subculture can be performed.
    - Cells grown in suspension can be maintained by adding a complete culture medium to the culture flask.
    - If you need to split the bottle, you can collect the cell suspension into a centrifuge tube. Centrifuge at 1000 rpm for 5 min, discard the supernatant, add 1-2 mL of culture medium, and resuspend and mix well.
    - The cell suspension is divided into new T25 bottles at a ratio of 1:2, and 6-8 ml of new complete medium is added according to the instructions to maintain the viability of the cells.
    - Subsequent passages are performed at a ratio of 1:2 to 1:5 depending on the actual situation.
3. Cell freezing and storage

    After receiving the cells, it is recommended to freeze a batch of cell seeds during the first 3 generations of culture for subsequent experiments.

Tips

For a guide on tumor cell culture, refer to https://www.creative-bioarray.com/tumor-cell-culture-guide.htm.

Accessory Products

Product Name	Catalog
SuperCult® RPMI 1640 Medium	CM-1448Y
vPremSera® FBS	CS-001Y

Security Disclaimer

Our product is intended for laboratory research use only. It is not intended for any animal or human therapeutic use, any human or animal consumption, or any diagnostic use.

Contact Information
Tel: 1-631-626-9181(USA) 44-208-123-7131(Europe)
Fax: 1-631-614-7828
Email: info@creative-bioarray.com