

Data Sheet

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| NAME : | HSR-1 |
| REPOSITORY REFERENCE : | ARP063 |
| SPECIES/TYPE: | <i>H. Saimiri</i> immortalised T-cell line from peripheral blood lymphocytes of an adult rhesus monkey. |
| SPECIAL CHARACTERISTICS : | Consists of CD4+ single positive and CD4+CD8+ double positive sub-populations. These cells can be productively infected with both SIVmac and SIVagm. These cells are very slow growing. |
| INSTRUCTIONS FOR GROWTH : | <p>Please note: It is recommended that these cells are initially established in a 24 well tissue culture plate (approximately 2ml media). Once the cells begin to grow they can be transferred to a 25cm² tc flask in approximately 5ml of media. Growth is improved by standing the flask at vertically. Media should be added slowly over subsequent days. It may take up to one month to grow to a reasonable culture.</p> <p>Although these cells have been reported to be IL-2 independent, it has been found that growth is improved through the inclusion of 10 IU of IL-2 /ml. The level of IL-2 can be reduced as the cell culture is expanded.</p> |
| CULTURE MEDIUM : | RPMI 1640, 90% Foetal calf serum, 10% supplement with penicillin/streptomycin |
| STORAGE : | Liquid nitrogen |

SOURCE :

Dr H Akari.

REFERENCE :

Akari H et al. Virology 218: 382-388 (1996)

ACKNOWLEDGEMENTS :

Publications should acknowledge the donor of the reagent and the Programme EVA Centre for AIDS Reagents. Suggested wording can be found on our website at <http://www.nibsc.ac.uk/spotlight/aidsreagent/index.html> in the “Acknowledgements” section.

Please also ensure that you send us a copy of any papers resulting from work using reagents acquired through CFAR (this can be electronically or as a paper copy)