

Hep3B / miR122 Cell Line for HCV Propagation

20-001 5 x 10⁵ cells

Key words: Propagation of human Hepatitis C Virus, Cell culture-adapted HCV clone (HCVcc), miR122, Hepato cellular carcinoma line Hep3B.

Usage: Hep3B / miR122 cell line, a permissive cell line for the robust propagation of HCVcc by the expression of miR122 in Hep3B cells.

Cell line stock: 5 x 10⁵ cells /1 ml in CELLBANKER-1 (cryopreservation media from Wako-Chemical, Osaka). Sent with dry-ice and store at -80°C

Growth medium: Dulbecco's modified Eagle's medium (DMEM) supplemented with 100 U/ml penicillin, 100 µg/ml streptomycin, and 10% fetal bovine serum (FBS).

Reference: Establishment and characterization of Hep3B/miR122 cell line has been described in the following publications.

1. Kambara H, et al. (2012) Establishment of a novel permissive cell line for the propagation of hepatitis C virus by expression of microRNA miR122. [J Virol](#). 86(3):1382-93. Open access.
2. Review: Fukuhara T¹, Matsuura Y. (2013). Role of miR-122 and lipid metabolism in HCV infection. [J Gastroenterol](#). 48(2):169-76. Open access.