

Kubota's FL-HCC Spheroid Growth Medium

Catalog Number: 35101-250

For Growth of Human Fibrolamellar Hepatocellular Carcinoma (FL-HCC)

Cancer Stem Cells in Spheroids

Kubota's Compete Serum-Free FL-HCC Spheroid Growth Medium is formulated for optimal growth of human FL-HCC Cancer Stem Cells in spheroids. Kubota's FL-HCC Spheroid Growth medium contains glutamine but no antibiotics, a serum-free supplement and hyaluronans (non-sulphated high molecular weight glycosaminoglycans) then filtered to ensure sterility, frozen and maintained in -80°C ultralow freezer until ready for use. The medium is shipped on dry ice and when thawed, the medium is complete and ready to use for expansion of human FL-HCC cancer stem cells as spheroids.

Handling Kubota's FL-HCC Spheroid Complete Growth Medium

1. Kubota's FL-HCC Spheroid Growth medium (Cat.# 35101-250) is complete and ready to use:
 - a. Store in -80°C ultralow freezer until ready for use
 - b. For optimal performance place frozen bottle of media in 4°C refrigerator to thaw overnight. The next day it will be ready to use.
 - c. You may also thaw in 37°C waterbath
 - i. Place frozen bottle of media in waterbath
 - ii. Invert bottle every 5-10 minutes until only a small ice ball remains then remove from the waterbath
 - d. DO NOT leave media in 37°C waterbath for longer than 5 minutes as this may result in degradation of the growth factors, proteins and glutamine in the media
 - e. Store thawed media in 4°C refrigerator in the dark
 - f. Use Kubota's FL-HCC Spheroid Growth medium within one month
 - g. DO NOT re-freeze Kubota's FL-HCC Spheroid Growth Medium

Reference:

Model of Fibrolamellar hepatocellular carcinomas reveals striking enrichment in cancer stem cells. 2015. Tsumekazu Oikawana, Eliane Wauthier, Timothy A. Dinh, Sara R. Selitsky, Andrea Reyna-Neyra, Guido Carpino, Ronald Levine, Vincnzo Cardinale, David Klimstra, Eugenio Gaudio, Domenico Alvaro, Nance Carrasco, Praveen Sethupathy and Lola M. Reid. Nature Comm. 6, Article 8070. DOI: 10.1038

Use Restrictions: The Products and components of the Products are to be used for RESEARCH PURPOSES only and are not for use in humans or animals. No rights expressed or implied are conveyed by the sale of the Products to make, have made, offer to sell or sell the Products alone or in combination with any other products or to use for commercial purposes without a sub-license from PhoenixSongs.