

## Human Primary Liver Kupffer Cells

Catalog No. H-6226S

### Suggested Medium

M3368 Complete Macrophage Medium /w Kit (500 ml)

### Product Description

Human Primary Liver Kupffer Cells from Cell Biologics are isolated from human liver tissue. Cells will be shipped in culture plates at passage 0 and ready for experiments. Cells are characterized by immunofluorescence staining using an antibody of CD11b. Primary Liver Kupffer Cells can not be cultured indefinitely and can not be passaged.

### Handling of Arriving Live Cells

Cells in culture plates or flasks are shipped overnight. When you receive cells in plates or flasks, remove the sticker from the filter cap of the T25 or T75 flask and place the plate or flask with 3-15 ml of the existing medium in a 37°C CO<sub>2</sub> incubator for 1 hour before replacing with the desired Cell Biologics cell culture medium.

### Authorized Uses of Cell Biologics' Products

Human Primary Liver Kupffer Cells from Cell Biologics are distributed for research purposes only. Our products are not authorized for human use, for in vitro diagnostic or therapeutic procedures. Transfer or resale of any Cell Biologics' cells or products from the purchaser to other markets, organizations or individuals is prohibited by Cell Biologics without the company's written consent. Cell Biologics' Terms and Conditions must be accepted before submitting an order.

### Disclaimer

Investigators should handle the cells with caution and treat all animal cells as potential pathogens, since no test procedure can completely guarantee the absence of infectious agents.

### Warranty and Liability

Cell Biologics' guarantee applies only to your purchase of Cell Biologics' Cells with Cell Biologics' Media and Coating Solution for appropriate cell culture and cell testing following Cell Biologics' online protocols within 35 days from the date of product delivery.

## Primary Liver Kupffer Cell Culture Protocol

All cell culture procedures must be conducted in a bio-safety cabinet.  
Any and all media, supplements, and reagents must be sterilized by filtration through a 0.2  $\mu$ m filter.  
Use aseptic technique to prevent microbial contamination.

### Medium

Review the information provided on the Cell Biologics website about appropriate culture media (e.g. serum and other supplements). Use pre-warmed (37°C) cell culture media (30-50 ML, Catalog No. M3368) to seed cells and when changing media.

### Handling of Arriving Live Cells

Live Cells at passage 0 in a culture plate are shipped overnight. When you receive the live cells in a plate or flask, remove the sticker from the filter cap, and keep the plate or flask with 6-15 ml of existing medium in 37°C CO<sub>2</sub> incubator for 1 hour before replacing the desired Cell Biologics' cell culture medium.

**Proceed with experiment assays.**