

## Canine Bone Marrow Mesenchymal Stem Cells

Catalog No. D-6043

### Suggested Medium

M5566 Mesenchymal Cell Medium w/ Kit (500 ml)

### Product Description

Canine Bone Marrow Mesenchymal Stem Cells from Cell Biologics are isolated from beagle dog tibias and femurs and grown in tissue culture flasks with Cell Biologics' Complete Growth Medium. Cells at passage 1 are cryo-preserved at a density of  $0.5 \times 10^6$  cells/mL per vial. Cells were characterized by immunofluorescence staining with CD44, Sca-1 or CD29 antibodies. These cells can be expanded for 3-5 passages at a 1:2 split ratio under the cell culture conditions specified by Cell Biologics. Repeated freezing and thawing of cells is not recommended.

### Storage

Cryopreserved cells will be shipped overnight on dry ice. Upon arrival, please immediately transfer the frozen cells to liquid nitrogen ( $-180^{\circ}\text{C}$ ) until ready for use. Suspension cells can be shipped in 50 ml conical tubes upon request. Primary cells should never be stored in a  $-20^{\circ}\text{C}$  or  $-80^{\circ}\text{C}$  freezer.

### Authorized Uses of Cell Biologics' Products

Canine Bone Marrow Mesenchymal Stem 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.