

## **Canine Bone Marrow Monocytes**

Catalog No. D-6271

Suggested Medium: Leukocyte Medium /w Kit (500 ml)

Catalog No. M3366

### **Product Description**

Canine Bone Marrow Monocytes are derived from the tibias of beagle dog. Each vial contains  $3 \times 10^6$  cells and is delivered frozen. Cells are negative for bacteria, yeast, fungi, and mycoplasma. Cells can be used for experiments under the cell culture conditions specified by Cell Biologics. Canine Bone Marrow Monocytes cannot be passaged. Repeated freezing and thawing of cells is not recommended.

### **Laboratory Applications**

Canine Bone Marrow Monocytes can be used in standard biochemical procedures include PCR, Western blotting, immunoprecipitation, or cell derivatives for desired research applications.

### **Storage of Cell Biologics Products**

Cell Biologics will ship frozen cells on dry ice. On receipt, immediately transfer frozen cells to liquid nitrogen until ready for experimental use. Live-cell shipment is also available on request. Primary cells can never be kept at  $-20^{\circ}\text{C}$ .

### **Authorized Uses of Cell Biologics Products**

Canine Bone Marrow Monocytes from Cell Biologics are distributed for internal research purposes only. Our products are not authorized for human use, for in vitro diagnostic procedures or for 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 that they receive from Cell Biologics with caution and treat all 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 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 µm filter.

Use aseptic technique to prevent microbial contamination.

Cryo-preserved cells must be stored in liquid nitrogen or seeded immediately upon arrival.

### 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. M3366, *Cell Biologics*) to recover cryo-preserved cells and when changing media or splitting cells.

### Handling of Arriving Live Cells

- When you receive the live cells in the cell culture medium, centrifuge cells at 120g for 4 minutes.
- Aspirate the supernatant and cell pellet at the bottom of the tube can be used for desired research applications.