

## **Sprague–Dawley Rat Bone Marrow Neutrophils- Fresh Cells**

Catalog No. **RA-6029S**

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

Catalog No. **M3367**

### **Product Description**

Sprague–Dawley Rat Bone Marrow Neutrophils are derived from the tibias and femurs of 5 weeks old Sprague–Dawley Rats. Each vial contains at least  $10 \times 10^6$  cells in suspension. Cells are negative for bacteria, yeast, fungi, and mycoplasma. Cells can be expanded on a multiwell culture plate ready for experiments under the cell culture conditions specified by *Cell Biologics*. Repeated freezing and thawing of cells is not recommended.

### **Laboratory Applications**

Sprague–Dawley Rat Bone Marrow Neutrophils can be used in standard biochemical procedures include PCR, Western blotting, immunoprecipitation, ROS, 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  $-20\text{ }^{\circ}\text{C}$ .

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

Sprague–Dawley Rat Bone Marrow Neutrophils 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) to recover cryo-preserved cells and when changing media or splitting cells.

### **Handling of Arriving Live Cells**

When you receive the live cells in a tube, keep the tube with 10-15 ml existing medium in 37°C CO<sub>2</sub> incubator for 30-60 min before replacing the desired *Cell Biologics*' cell culture medium. Cells can be expanded on a multiwell culture plate ready for experiments under the cell culture conditions specified by *Cell Biologics*.