



## **Preadipocyte Differentiation Supplement (PAdDS)**

Catalog #7232

### **Product Description**

Preadipocyte Differentiation Supplement (PAdDS) is a sterile, concentrated (100X) solution which contains growth factors, hormones, and proteins necessary for preadipogenic differentiation. It contains reagents that readily differentiate preadipocytes into mature adipocytes as assessed by Oil Red O staining (Cat. # 0843) *in vitro*.

### **Product Use**

PAdDS is for research use only. It is not approved for human or animal use, or for application in *in vitro* diagnostic procedures.

### **Storage**

Store PAdDS at -20°C; once added to medium, store at 4°C and protect from light. Do not refreeze after thawing.

### **Shipping**

Dry ice.

### **Instructions for Use**

For best results, use PAdDS in conjunction with 500 mL Preadipocyte Differentiation Medium-b (PADM-b, Cat #7221-b) and 25 mL fetal bovine serum (FBS, Cat #0025).

***It is normal to observe precipitation in the supplement. The precipitate does not affect the efficacy or performance of the product. Heat at 37°C for 5 minutes or until completely dissolved before adding to PADM.*** Thaw PAdDS at 37°C. Gently tilt the tube several times to ensure complete mixing. Spray the medium bottle and supplement tube with 70% ethanol and wipe to remove excess liquid. In a sterile field, remove the caps without touching the interior threads with fingers. Add PAdDS to the basal medium and mix well. Since several components are light-labile, the medium should not be exposed to light for extended periods. We do not recommend warming medium in a 37°C water bath prior to use. When stored in the dark at 4°C, the reconstituted medium is stable for one month.

***Caution: If handled improperly, some components of the medium may present a health hazard. Take appropriate precautions when handling it, including the wearing of protective clothing and eyewear. Dispose of properly.***