



**Preadipocyte Differentiation Medium-basal
(PADM-b)**
Catalog #7221-b

Product Description

ScienCell's Preadipocyte Differentiation Medium-basal (PADM-b) is a basal medium, which has been specifically developed and optimized for *in vitro* differentiation of preadipocytes into mature adipocytes in conjunction with fetal bovine serum (FBS, Cat. #0025), preadipocyte differentiation supplement (PAdDS, Cat. #7232), penicillin/streptomycin solution (P/S, Cat. #0503). PADM-b is a sterile, liquid medium which contains essential and non-essential amino acids, vitamins, organic and inorganic compounds, and trace minerals. The basal medium does not contain antimycotics, antibiotics, hormones, growth factors or proteins. The medium is bicarbonate buffered and has a pH of 7.4 when equilibrated in an incubator with an atmosphere of 5% CO₂/95% air.

Product Use

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

Storage

Store at 4°C. Protect from light.

Shipping

Basal: room temperature.

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.