



**Osteoblast Mineralization Medium-basal
(ObMM-b)**
Catalog #4611-b

Product Description

Osteoblast Mineralization Medium-basal (ObMM-b), when used with Osteoblast Mineralization Supplements (ObMS, Cat #4672), and 25 ml of fetal bovine serum (FBS) is a complete medium designed for the maturation of normal osteoblasts *in vitro*. It is a sterile, liquid medium which contains essential and non-essential amino acids, vitamins, organic and inorganic compounds, hormones, growth factors, trace minerals and a low concentration of fetal bovine serum (5%). The medium is HEPES and bicarbonate buffered and has a pH of 7.4 when equilibrated in an incubator with an atmosphere of 5% CO₂/95% air. The medium is formulated (quantitatively and qualitatively) to provide an optimally balanced nutritional environment that selectively promotes maturation and mineralization of normal osteoblasts *in vitro*.

Components

ObMM-b consists of 500 ml of basal medium.

Product Use

ObMM-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

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.