Rev.1

Mesenchymal Stem Cell Osteogenic Differentiation Medium-basal-phenol red free (MODM-b-prf)

Catalog #7531-b-prf

Product Description

Mesenchymal Stem Cell Osteogenic Differentiation Medium-basal-phenol red free (MODM-b-prf), when used with Mesenchymal Stem Cell Osteogenic Differentiation Supplement (MODS, Cat #7532) and 25 ml of fetal bovine serum, is a complete medium designed for the optimal osteogenic differentiation of mesenchymal stem cell (MSCs) *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.

Components

MODM-basal-phenol red free consists of 500 ml of basal medium.

Product Use

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

Storage

Store the basal at 4^{o}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.