

Calcium Chloride Solution

PromoCell

Instruction Manual

Product	Size	Catalog Number
Calcium Chloride Solution (0.5 M)	2 ml	C-34006

Description

Some types of primary human cells, especially Normal Human Epidermal Keratinocytes (NHEK), respond sensitively to the calcium concentration in the culture medium. Calcium Chloride solution allows the adjustment of the optimal amount of calcium required by the cells. PromoCell Calcium Chloride (CaCl_2) Solution is prepared as a solution from highly pure tissue culture tested Calcium Chloride and cell culture-grade water. It is a clear colorless and sterile solution. The concentration of CaCl_2 is 0.5 M.

Storage and Stability

Store at -20°C in the dark immediately after arrival. If stored properly, the product is stable until the expiry date stated on the label.

Quality Control

All lots of PromoCell Calcium Chloride Solution are subjected to comprehensive quality control tests. Each lot is routinely tested for the use with human primary cells, absence of cytotoxicity, and physical parameters such as osmolality and pH

level. Approved in-house lots are used as a reference.

In addition, all lots have been tested for the absence of microbial contaminants (fungi, bacteria).

Intended Use

The products are for *in vitro* research use only and not for diagnostic or therapeutic procedures. For safety precautions please see appropriate MSDS.