

PRODUCT DATA SHEET

Balanced Salt Solutions

Description

Balanced Salts are a combination of inorganic salts and may contain a carbohydrate as an energy source. Balanced Salt Solutions are generally used as a cell rinsing solution and for short term maintenance of mammalian cells while the cells are manipulated outside of their regular growth environment. The solutions provide cells with the proper osmotic pressure and protect them from sharp pH fluctuations during laboratory manipulations. Balanced Salt Solutions supplemented with calcium and magnesium salts are commonly used to wash and re-suspend cells during the dissociation process.

Each lot of Balanced Salt Solutions are prepared from powdered balanced salts and tissue culture grade water. Representative samples of each lot of Balanced Salt Solutions are tested to confirm the absence of bacterial or fungal contamination using methods adapted from the current U.S. Pharmacopeia.

Storage and Handling

The Balanced Salt Solutions are supplied in gamma irradiated, sterile PETG or PETE bottles. We recommend that the Balanced Salt Solutions be stored refrigerated at a temperature of 2° C to 8°C, protected from strong light. Always use aseptic techniques when handling and supplementing the Balanced Salt Solutions.

Shipping

The Balanced Salt Solutions are shipped ambient by second day air.

This product is manufactured for research and development purposes only. It is not intended for any human or animal diagnostic, therapeutic or other clinical uses. It is also not for agricultural, food, drug, cosmetic or household use. The use of these products must be supervised by a person technically qualified to handle potentially hazardous material.