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Datasheet for ABIN925551
10X PBS pH 7.2

Overview

Quantity: 1 L

Product Details

Characteristics: Sterilization: Sterile Aseptic Filter

Application Details

Application Notes: 10X PBS pH 7.2 with Azide (0.2 M Potassium Phosphate 1.5 M Sodium Chloride 0.1% (w/v) Sodium Azide) is a concentrated stock solution and should be diluted appropriately with distilled, deionized water or equivalent to its final working concentration. This buffer consists of 0.2 M Potassium Phosphate, 1.5 M Sodium Chloride and 0.1% (w/v) Sodium Azide at a pH of 7.2. 10X PBS pH 7.2 with Azide (0.2 M Potassium Phosphate 1.5 M Sodium Chloride 0.1% (w/v) Sodium Azide) is meticulously prepared using ultra pure reagents dissolved in highly polished pharmaceutical grade deionized water.

Comment: Phosphate Buffered Saline (PBS) is a regularly used buffer in biological research. The phosphate ions help maintain a constant pH around neutral. The osmolarity of solution typically matches that of the human body (isotonic solution). PBS can act as a diluent for many experimental preparations and is non-toxic to cells. This preparation contains 0.1% sodium azide as a preservative and is 10X concentrated to be diluted 10-fold to the working concentration.

Synonyms: Phosphate Buffered Saline

Restrictions: For Research Use only

Handling

Format: Liquid

Storage: RT