

beta-Mercaptoethanol Reagent

55mM beta-Mercaptoethanol (1000x)

CATALOG #
AAA177746

PRODUCT SYNONYMS

beta-Mercaptoethanol; 55mM beta-Mercaptoethanol (1000x); beta-Mercaptoethanol reagent

PRODUCT SPECIFICATIONS

Form/Format	Liquid
Concentration	55mM (varies by lot)
Dissolvent	DPBS
pH	7.1-7.5
Preparation and Storage	Store at 2-8 degree C, Sealed storage.

ADDITIONAL INFORMATION

Related Product Information for beta-Mercaptoethanol reagent	?-Mercaptoethanol is also known as 2-mercaptoethanol, thioglycol, etc., commonly abbreviated as ME?2-Me or ?-ME. ?-Mercaptoethanol, which contains the functional groups of ethanediol (HOCH ₂ CH ₂ OH) and dithioglycol (HSCH ₂ CH ₂ SH), plays an important role in cell growth. On the one hand, it can reduce the sulfur compounds in the serum to glutathione, induce cell proliferation and delay cell senescence, while avoiding the damage of cells to peroxide. In addition, it promotes mitogen response and DNA synthesis, and increases the transformation effect of plant lectins (PHA) on lymphocytes. It has been widely used in hybridoma technology.
Product Categories/Family for beta-Mercaptoethanol reagent	Reagents

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/reagent/beta-mercaptoethanol/177746>