

BIT 9500 Serum Substitute

Supplement for serum-free cell culture media

Catalog # 09500

100 mL



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Product Description

BIT 9500 Serum Substitute has been developed for use in applications where a serum-free culture medium of defined composition is required. This product contains bovine serum albumin (BSA), insulin, and transferrin (BIT) in Iscove's MDM. It contains pre-screened batches of BSA that have been selected to support the optimal growth of human hematopoietic progenitor cells in serum-free media formulations. It is also suitable for the culture of mouse hematopoietic progenitor cells in serum-free conditions.

Properties

- Storage:** Store at -20°C.
- Shelf Life:** Stable until expiry date (EXP) on label.
- Contains:**
- Bovine serum albumin
 - Recombinant human insulin
 - Human transferrin (iron-saturated)
 - Iscove's MDM

This product contains material derived from human plasma. Donors have been tested and found negative for HIV-1 and -2, hepatitis B, and hepatitis C prior to donation. However, this product should be considered potentially infectious and treated in accordance with universal handling precautions.

Handling / Directions For Use

1. Thaw at room temperature (15 - 25°C) or overnight at 2 - 8°C.
2. Swirl the bottle to mix.
3. Store at 2 - 8°C for up to 1 month. Alternatively, aliquot and store at -20°C. After thawing aliquots, do not re-freeze.

NOTE: Use BIT 9500 Serum Substitute at a final concentration of 20%. For example, add 20 mL of BIT 9500 Serum Substitute to 80 mL of medium plus supplements, for a final volume of 100 mL.

Notes and Tips

RELATED PRODUCTS

For related products, including specialized culture and storage media, supplements, antibodies, cytokines, and small molecules, visit www.stemcell.com/HSPCworkflow or contact us at techsupport@stemcell.com. For available fresh and cryopreserved peripheral blood, cord blood, and bone marrow products, visit www.stemcell.com/primarycells.

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