



# BIT 9500 SERUM SUBSTITUTE

**BioConcept is a leading manufacturer and service partner** for numerous top-tier pharmaceuticals and academic institutions in Switzerland and around the world.

BioConcept has been operating under a certified quality management system since 1995. Our production sites for liquid and powder media production are located in the Life Science area Basel (Switzerland).



Paradiesrain 14  
4123 Allschwil  
Switzerland  
Tel. +41 (0)61 486 80 80  
Fax +41 (0)61 486 80 00  
info@bioconcept  
www.bioconcept.ch

# BIT 9500 Serum Substitute

Serum is a highly variable non-standardized product requiring extensive testing to find the batch compatible with your cell types. The composition of serum-free medium on the other hand is well defined and ensures lot-to-lot consistency.

BIT 9500 Serum Substitute replaces serum for the culture of stem cells and was developed for use in serum-free culture conditions with defined composition. BIT 9500 contains Bovine serum albumin (BSA), Insulin and Transferrin (BIT) in Iscove's IMDM. For BSA we use tested batches of EDQM certified Probumin™ BSA.

## Cell Types:

Serum-free culturing of Stem Cells in general and Hematopoietic Progenitor, Pluripotent Stem Cells, Hybridomas, Peripheral Blood Mononuclear Cells (PBMC's), Mast Cell lines in particular amongst others.

## Species:

human and mouse

## Product Properties:

- pH is set at  $7.3 \pm 0.2$  and osmolality at  $300 \pm 20$  mOsm/kg/H<sub>2</sub>O
- Store below -15°C
- Contains Bovine serum albumin, recombinant human insulin, human transferrin (iron-saturated), Iscove's IMDM
- Not intended for any human or animal diagnostic or therapeutic use

## Instructions for use:

Thaw at room temperature (15–20°C) or overnight at 2–8°C.

Swirl the bottle to mix its content. Store at 2–8°C for up to 1 month.

Alternatively, aliquot and store at -20°C.

After thawing the aliquots, do not refreeze.

Use BIT 9500 at a final concentration of 20% in your preferred medium.

Cat. No	Description	Size
5-18S02-H	BIT 9500 Serum Substitute	100 ml