

Product Datasheet

Shi-fix™ coverslips

#SB-Shifix25/ SB-Shifix50/ SB-Shifix50PLUS

Description

Shi-fix™ cover-slips allow suspension cells to be layered on them or directly grown as a monolayer. These cover-slips can also be used for staining suspension cells for microscopy, or for fixing suspension cells for confocal microscopy. Cells can also be stimulated while they are attached on the cover-slips.

Dimensions

∅ 12mm x 1.5mm

Packing size

SB-Shifix20 (pack of 20) SB-Shifix50 (pack of 50) SB-Shifix50PLUS (pack of 50).

Intended use

This product is intended for research use only.

Storage and handling

The product can be shipped at ambient temperature. Unopened product can be stored at room temperature but needs to be kept at 4C after opening the sealed packaging.

The shelf life is 6 months at room temperature and 1 year at 4C.

Procedure for Use

1. Wash cells with PBS and resuspend 2-5 million cells per ml in PBS
2. Add the cells directly to Shi-fix™ cover-slips.(0.2-0.3 million cells per coverslip). For ease of handling, use a 12 well plate.
3. Let the cells settle and attach for 30 mins. Attachment for some cell types may improve by incubating longer but do not exceed 1 hour. Wash gently with 2ml PBS to remove unbound cells (*Do not pipet PBS straight onto the coverslips. Add PBS to the sides of the plate well followed by gentle rocking for 3-5 mins*).
4. Check for cell attachment on a microscope. If further culturing is needed, add 1ml medium otherwise proceed to fixation, permeabilization and immunostaining.

Safety

This product is for use by personnel trained in mammalian cell culture techniques. Lab coat and gloves must be worn. Coverslips must be discarded after use according to the applicable biological waste regulations of the institute or department.