

Product Datasheet

Shi-fix™ coverslips and well plates

#SB-Shifix25 / SB-Shifix50 / SB-Shifix50PLUS/SB-Shifix96/SB-Shifix96PLUS

Description	Glass coverslips coated on both sides with Shi-fix™ biomaterial that enhances binding of non adherent animal cells for imaging studies. Shi-fix™ cover-slips allow suspension cells to be layered on them for imaging or cultured as a monolayer. These cover-slips are suitable for immunofluorescence and confocal microscopy. Cells can also be stimulated while they are attached on the cover-slips.
Dimensions	Shi-fix™ : #1.5, ø 12mm Shi-fix™ PLUS: #1.5, ø 15mm
Packing size	SB-Shifix25 (pack of 25) 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	<ol style="list-style-type: none">1. Wash cells with PBS and resuspend 2-5 million cells per ml in PBS2. For using coverslips-Place the Shi-fix™ cover-slips on a 12-well plate for ease of handling. Add the cells directly to Shi-fix™ cover-slips.(0.2-0.3 million cells per coverslip). For using Shifix96 plates- add the cells directly to the plate wells.3. Place the 12-well plate or the Shifix96 well plate on a stable surface for the cells to attach for 20 mins. Attachment for some cell types may improve by incubating longer but do not exceed 1 hour. Wash gently with 1ml PBS to remove unbound cells (<i>Do not pipet PBS straight onto the coverslips. Add PBS to the sides of the plate well followed by gentle rocking for 2-3 mins</i>).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.