

Trypan Blue, 0.4% Solution

100 ml, 5x100 ml

Cat No: TRY-B100, TRY-B1005

Shipping : Ship at ambient temperature.

Storage : Store at room temperature.

Warning

Trypan Blue is a potential mutagen, which should be handled with care and disposed off safely as per applicable local regulations.

General Information

Trypan Blue, 0.4% Solution is a frequently used reagent to count cells in cell culture facilities when subculturing cells or using them in further functional *in vitro* and *in vivo* assays. It is also used to measure cell viability using dye exclusion assay, where only dead cells are stained with Trypan Blue, while viable cells are not stained.

Recommended use

1. Dilute the cell suspension within phosphate buffer saline or cell culture medium in ratio 1:1 with Trypan Blue 0.4% Solution.
2. Incubate the cells for 1-2 minutes at room temperature.
3. Place the coverslip on the hemocytometer chamber and fill it with the mixture from step 2.
4. Place the hemocytometer under microscope and count the cells.
5. Determine cell count and cell viability using appropriate formulas.