

MEMBRANE STRUCTURE CONSERVATION KIT

CAT.NO. K105

Batch	091415
Amount	2 reactions

PRODUCT

Special method to fix and preserve the cell membrane structures for subsequent immunization procedures. The method is for cell culture cells freshly prepared as primary cells or for permanent cell culture cells and for bacteria and virus particles.

USE OF THE KIT

1. Centrifuge cells at a speed that do not damage the cells
(i. e. 350 x g for 6 minutes for mammalian cells, Small cells and virus particles: 2000 – 8000 g)
2. The cell pellet should have a volume of 10 – 100 µl or 10⁸ - 10⁹ cfu
3. Wash cells one time with PBS or medium without FCS and no other proteins if possible
4. Resuspend the cells with 1 ml **Solution A** incubate for two minutes at room temperature without shaking
5. Add 100µl **Solution B**
6. Mix well by smooth hand shaking for 1 minute at room temperature
7. Incubate for 60 minutes on a shaker at 60 rpm or shake by hand every 3 minutes at room temperature
8. After the incubation add 100 µl of **Solution C**
9. Incubate for 20 minutes at room temperature
10. *Optional:*
Treat cells in the vial additionally with an UV lamp (like use for sterilisation or like use for ethidiumbromid gels) in a distance of 2 - 10 cm from the lamp surface for 20 minutes.
11. Centrifuge cells 500 x g and resuspend in 0.5 ml **Solution D**
12. Now you can ship the cells at 2°C to 30°C
13. Stabilized cells can be stored at 2°C – 8°C for 4 weeks or deep freeze at -24°C for one year

STORAGE

Storage Conditions:	2-8°C for one month -24°C for one year Consume within 10 days after opening!
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Not for diagnostic or therapeutic use. Not for human use. For research purposes, only. This product is not a medical device. Not for use in *in vitro* diagnostic procedure for clinical diagnosis. Custom tests must be done to determine the ability for a specific use.