

Product Datasheet

BrdU Cell Proliferation Assay Kit (orb613770)

Description

BrdU Cell Proliferation Assay Kit

Tested

ELISA

Applications

Storage

Biorbyt's BrdU Cell Proliferation Assay Kit components are shipped on cold pack. Upon receipt, store kit at -20°C in a non-frost-free freezer. For long term storage, it is recommended that you aliquot and freeze the Prediluted Anti-BrdU Detector Antibody (Component 3) and 2000x Peroxidase Goat anti-Mouse IgG (Component 5) at -20 °C. Thirty (30) minutes prior to the use of each component, thaw component. Remove the Fixative/Denaturing Solution (Component 2) and place at room temperature for at least 4 hours prior to use. The Fixative/Denaturing Solution may contain slight precipitation and its color may vary between clear to light yellow. Return the Prediluted Anti-BrdU Detector Antibody (Component 3) and 2000x Peroxidase Goat anti-Mouse IgG (Component 5) to -20°C immediately after use. All other components may be stored at 4-8°C immediately after use. Special care should be taken to keep the Prediluted Anti-BrdU Detector Antibody (Component 3) and 2000x Peroxidase Goat anti-Mouse IgG (Component 5) cold by pulling out the number of aliquots needed for the test, keeping them on ice, and leaving the remaining aliquots at -20°C.

Note

For research use only

Application notes

1. 2-20 µl, 20-200 µl and 200-1000 µl precision pipettors with disposable tips
2. Wash bottle or multichannel dispenser for washing
3. 2000 ml graduated cylinder
4. PBS (137 mM NaCl, 2.7 mM KCl, 4.3 mM Na₂HPO₄·7H₂O, 1.4 mM KH₂PO₄)
5. Deionized or distilled H₂O
6. Spectrophotometer capable of measuring absorbance in 96-well plates using dual wavelength of 450-540 or 450-595 nm or a single read at 450 nm.
7. Tissue culture microtiter plate (96 well culture dish)
8. Sterile reagent troughs
9. Micro syringe filter (0.2 µm)
10. Syringe