

910-3015 Solution 15 – Hoechst 33342**1 mL**

Contents	Microtube with 1 mL Solution 15 – Hoechst 33342 The solution contains Hoechst 33342 (500 µg/mL ~ 0.9 mM ~ 0.05%) and sodium azide (NaN ₃) (0.1 mg/mL ~ 1.5 mM ~ 0.01 %). EINECS no. for Hoechst 33342 is 245-691-1 EINECS no. for NaN ₃ is 247-852-1
Application	Solution 15 – Hoechst 33342 stains nuclei of living, fixed and permeabilized cells. Hoechst 33342 can be used for identification of cells and for quantifying DNA content of e.g. animal cells allowing determination of G ₀ /G ₁ , S and G ₂ /M cell cycle phases.
Principle	Solution 15 – Hoechst 33342 is a cell permeable dye that preferably stains double-stranded DNA.
Usage	The solution is for research and development purposes only and is not for diagnostic or therapeutic use.
Storage	Store at 2-7°C
Stability	For unopened microtubes, the expiry date is shown on the microtube and on the plastic container. The solution is produced 15 months before the expiry date. The solution expires 2 months after opening the microtube.
Safety Information	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. If a spill is observed, perform a clean-up of the area which may have been in contact with the solution. Use gloves and suitable protective clothing. Please also refer to MSDS regarding safety information.
Disposal of Waste	After use, the microtube should be disposed of according to national or local laws and regulations regarding the nature of the mixture it contains.