STORAGE

Labeled compounds should be stored in the container in which they were shipped. Storage at –20 °C is recommended for conventionally formulated ^{32}P- and ^{33}P-nucleotides. Conventionally formulated ^{35}S labeled compounds should be stored at –80 °C. SteadyBlue or SteadyClear stabilized compounds can be stored at +4 °C in a refrigerator. With +4 °C storage care must be taken to prevent bacterial contamination of the vial, which could result in the decomposition of the product.

Radiolysis of ^{35}S-compounds during storage and use may lead to the release of [^{35}S] labeled volatile impurities. Although the level of these impurities is small contamination of the internal surfaces of storage and reaction vessels may occur. Adequate precautions should be taken. Vials containing ^{35}S-compounds should be used in ventilated enclosures.

Due to the innovative product design NucleoTip does not contain chemical stabilizers and can still be stored at +4 °C without any compromise on performance. The inner wall of each tip is coated with an anion exchange film, which immobilizes the radioactivity, and protects the labeled nucleotides.