

Proteinase K

(Stable Solution for In Situ Hybridization)

- Catalog No.:** K 030
- Intended Use:** DBS Proteinase K is designed to achieve proteolytic digestion of formalin fixed, paraffin embedded tissue sections prior to performing in situ hybridization procedures. 2mL Proteinase K solution will produce 50mL of working solution, sufficient for 500 tests.
- Principle:** Use of aldehyde containing fixatives for in situ hybridization is a universally acceptable procedure. However, this choice of fixative creates a mandatory need for proteolytic digestion of tissue sections prior to in situ procedures. Proteolytic digestion of formalin fixed tissues improves the accessibility of target DNA to biotinylated probes, which results in better in situ staining.
- Format:** 2mL stabilized clear 25X concentrated solution.
- Reagent Prep.:** Place 100 μ L Proteinase K solution in a glass tube, add 2.4mL distilled water, and mix.
- Procedure:** Optimal digestion conditions will vary depending on fixation conditions and should be optimized by the end user. Incubation of tissue sections for 10-30 minutes at 37°C is sufficient for in situ.
- Storage:** Store at 2-8°C. Proteinase K is stable for 6 months. For long term storage, aliquot Proteinase K into smaller sizes and store at -20°C. Do not use beyond the expiration date stated on the label.

IVD: For In Vitro Diagnostic Use

DBS will not be held responsible for patent infringement or other violation that may occur with the use of our product

DBS

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