



### **Dako REAL Proteinase K (40x)** **Code S2019**

**Intended use** For in vitro diagnostic use.

Dako REAL™ Proteinase K (40x) is intended for use in immunohistochemistry. It is an enzymatic reagent specially designed for optimal performance when used on formalin-fixed, paraffin-embedded tissue sections together with Dako REAL™ Detection Systems on Dako automated immunostaining instruments. Dako REAL™ Proteinase K (working solution) is designed to be used in combination with HIER in order to ease batch processing of the tissue sections. The working solution is prepared, by diluting the concentrate 1:40 with Dako REAL™ Proteinase K Diluent, Code S2032.

**Reagent provided** Proteinase K provided in liquid form in Tris buffer, pH 7.5, containing 15 mmol/L NaN<sub>3</sub>. Each vial contains 4 mL reagent in dropper bottle, 40x concentrated. For approximately 500 tests.

**Precautions** 1. For professional users.

2. This product contains sodium azide (NaN<sub>3</sub>) a chemical highly toxic in pure form. At product concentrations though not classified as hazardous, sodium azide may react with lead and copper plumbing to form highly explosive build-ups of metal azides. Upon disposal, flush with large volumes of water to prevent metal azide build-up in plumbing.

3. As with any product derived from biological sources proper handling procedures should be used.

4. Wear appropriate Personal Protective Equipment to avoid contact with eyes and skin.

5. Unused solution should be disposed of according to local, State and Federal regulations.

**Storage** Store at 2–8 °C. Do not use after expiration date stamped on vial. If reagents are stored under any conditions other than those specified, the user must verify the conditions. There are no obvious signs to indicate instability of this product. If unexpected staining is observed which cannot be explained by variations in laboratory procedures and a problem with the reagent is suspected, contact our Technical Services.

**Procedure** A working solution is obtained by diluting Dako REAL™ Proteinase K (40x), Code S2019, 1:40 with Dako REAL™

Proteinase K Diluent, Code S2032. Add 1 drop of Dako REAL™ Proteinase K (40x) solution to 1.6 mL of Dako REAL™

Proteinase K Diluent. The working solution is for use on Dako automated immunostaining instruments, when running

templates/protocols with enzymatic pre-treatment. Dako REAL™ Proteinase K is designed to be used in combination

with HIER in order to ease batch processing of the tissue sections.