

DATA SHEET

Pepsin Kit for Xmatrx Cat. Nos. EK000-10XE

Doc. No. 932-EK000-10XE Rev. No. A
Eff. Date: 18-Jan-2016

REAGENTS SUPPLIED

Store at 2-8°C

Pepsin (HK051-5K)	4 vials lyophilized pepsin powder, purified by crystallization.
Reconstitution Buffer (HX054-5X)	4 x 5ml reconstitution buffer in RFID tagged vial: Tris (hydroxymethyl) aminomethane hydrochloride, pH 2.0 with 0.09% sodium azide.

Method of Use

1. Remove one vial of lyophilized pepsin and one vial of reconstitution buffer from refrigerator and allow them to come to room temperature.
2. Pour entire contents of lyophilized pepsin into the reconstitution buffer (5 ml) and mix gently to dissolve the powder. Final concentration of pepsin is 2.5 mg/ml.
3. For maximum enzymatic activity, use fresh solution. Otherwise, refrigerate working pepsin solution at 2-8°C when not in use. When stored and handled properly, the solution is stable for up to 3-5 days.

Protocol

Certain antibodies require pretreatment with enzymatic reagents on Xmatrx System. Use digestive enzyme pretreatment as per the protocol given in the system. Always follow the protocol supplied with each primary antibody for optimal pretreatment protocol conditions. Pretreatment conditions may vary for formalin-fixed sections, as results are often tissue and fixation-dependent. Pretreatment conditions should be tested extensively and validated in the user's laboratory.

Precaution

Reconstitution buffer contains sodium azide at concentrations of less than 0.1%. Sodium azide is not classified as a hazardous chemical at the concentration of this product. However, toxicity information regarding sodium azide at the product's concentration has not been thoroughly investigated.

Caution: The packaging of this product contains natural rubber latex which may cause allergic reactions.

For In-Vitro Diagnostic use.