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DATA SHEET

Trypsin 3-Pack/4-Pack
Digestive Enzyme Pretreatment

Cat. Nos. EK001-5K & EK001-10K*

Doc. No. 932-EK001 Rev. No. B
Eff. Date: 12-October, 2011

REAGENTS SUPPLIED

Store at 2-8°C

Trypsin (HK052-5K)	3 (EK001-5K) or 4 (EK001-10K) vials lyophilized trypsin powder, type III, from bovine pancreas.
Reconstitution Buffer (HK055-5K	3 x 5 ml reconstitution buffer with dropper style vial: Tris (hydroxymethyl) aminomethane hydrochloride, pH 7.6 with 0.09% sodium azide.
(HK055-5O)*	4 x 5 ml reconstitution buffer with OptiMiser™ vial: Tris (hydroxymethyl) aminomethane hydrochloride, pH 7.6 with 0.09% sodium azide.

* For use with the OptiMax Plus Staining System

Method of Use

1. Remove one vial of lyophilized trypsin and one vial of reconstitution buffer from refrigerator and allow them to come to room temperature.
2. Pour entire contents of reconstitution buffer (5 ml) into the lyophilized trypsin and mix gently to dissolve the power. Final concentration of trypsin is 1.25 mg/ml.
3. For maximum enzymatic activity, use fresh solution. Otherwise, refrigerate working trypsin 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**

For routine immunohistochemistry, use digestive enzyme pretreatment prior to the addition of the primary antibody. Add enough working trypsin solution to entirely over the tissue section (100∝l) and incubate at 37°C for 20 minutes.* Rinse well with PBS before applying primary antibody. Always consult the protocol supplies with each primary antibody for optimal digestion 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 tin the user's laboratory.

*For exceptions to this pretreatment protocol, refer to the BioGenex antibody-specific datasheet.

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. For more information, a Material Safety Data Sheet (MSDS) for sodium azide in pure form is available upon request.

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

General Purpose Reagent suitable for diagnostic Histopathology, laboratory and research use.