**PRE-PEN®**
(benzylpenicilloyl polylysine injection USP)

**PRE-PEN®** is FDA approved for the assessment of sensitization to penicillin (benzylpenicillin or penicillin G) in patients suspected to have a clinical penicillin hypersensitivity.

**Purchasing/Ordering Information**

**SUPPLIES NEEDED FOR ONE PATIENT TEST:**

1. **Pen Test Kit**
   - Pen Testing Devices
   - Solution
   - Reaction Card
   - Reaction Reader

2. **Pre-printed Label Kit**

**Purchasing Matrix**

**Penicillin Skin Testing Supply Kit**

Box of 5. Each kit contains:

1. Pre-printed labeling labels
2. Alcohol swabs
3. Test Preparation Instruction Card
4. Test Reaction Reader
5. 5-pack DuoTip-TEST II

**MORE INFO ON DUOTIP-TEST® II**

**CONTACT ALK FOR ADDITIONAL RESOURCES INCLUDING:**

- Onsite In-Service Training
- Testing Demonstration Videos
- On-demand Interactive eLearning Modules

**Penicillin Allergy Testing?**

- **INCREASED EFFICIENCY**
  - Due to limited spectrum antibiotics lead to development and spread of resistant microorganisms.

- **IMPROVED PATIENT CARE**
  - Having skin test results available leads to the withholding of antibiotics that could be harmful or ineffective.

- **COST SAVINGS**
  - The more sensitive the patients' allergies to penicillin, the higher the cost savings for those patients allergic to penicillin.

**Why Penicillin Allergy Testing?**

- 9 out of 10 reporting penicillin allergies are not truly allergic.

- 90% of patients with IgE-mediated penicillin allergies lose the sensitivity after 10 years.

- Overuse of broad-spectrum antibiotics leads to development and spread of multiple drug-resistant bacteria.

- Having a label of antibiotic allergy can lead to the withholding of guideline-recommended antimicrobial therapies.

- The mean antibiotic cost for patients allergic to penicillin is 63% higher than for those not allergic to penicillin.

**More Info on DuoTip-TEST® II**

DuoTip-TEST II is a sterile, disposable, plastic bifurcated needle used to administer skin test substances. When employed with allergenic extracts, it provides a quick, convenient and standardized procedure that is well-accepted by patients. Before using DuoTip-TEST II, or any testing device, the administrator must carefully study the package inserts accompanying allergenic extracts and control solutions.

**PRE-PEN® (benzylpenicilloyl polylysine USP) is manufactured by AllerQuest, an ALK partner, who has assembled a team with extensive experience in the pharmaceutical and biologics industry to meet stringent manufacturing, quality, and regulatory guidelines.**

The facility is designed to meet the highest standards of quality and safety as well as comply with the process requirements necessary for GMP manufacturing of sterile penicillin allergy diagnostic products.

PRE-PEN® is sold in boxes of 5 ampules; each ampule is intended for single patient use only.

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**SEE NEXT PAGE FOR FULL PRESCRIBING INFO**
PRE-PEN®
benzylpenicilloyl histamine solution

DESCRIPTION:
PRE-PEN® is a skin test antigen reagent that reacts specifically with benzylpenicilloyl IgE antibodies initiating the release of chemical mediators which produce an immediate wheal and flare reaction at a skin test site. All individuals exhibiting a positive skin test to PRE-PEN should be evaluated for an alternative cause for their symptoms.

CLINICAL PHARMACOLOGY:
PRE-PEN® possesses the following structure:

**Benzylpenicilloyl Polylysine Injection, Solution**

**INDICATIONS AND USAGE:**
Puncture Testing:
Skin testing is usually performed on the inner volar aspect of the forearm. The skin test antigen should always be applied first appropriate healthcare setting under direct medical supervision.

**PRECAUTIONS:**
Skin testing responses can be attenuated by interfering drugs (e.g., H1-antihistamines and vasopressors). Skin testing should be performed in an appropriate healthcare setting under direct medical supervision.

**CONTRAINDICATIONS:**
Patients known to be extremely hypersensitive to penicillin should not be skin tested.

**INDICATIONS AND USAGE:**
PRE-PEN® is indicated for the assessment of sensitization to penicillin (benzylpenicillin or penicillin G) in patients suspected to methicillin, nafcillin, oxacillin, amoxicillin), cephalosporin-derived antibiotics, and penem antibiotics is not known.

**RECOMMENDATIONS:**
The value of the PRE-PEN skin test alone as a means of assessing the risk of administering therapeutic penicillin (benzylpenicillin or penicillin G) in patients suspected to have clinical penicillin hypersensitivity. A negative test result in a patient with a previous history of penicillin allergy should not preclude the administration of therapeutic penicillin.

**REFERENCES**

**How to supply:**
PRE-PEN® benzylpenicilloyl polylysine solution for injection, is a sterile, colorless, solvent based solution containing 5 mg/mL benzylpenicilloyl polylysine. It is available in single-use vials containing 0.1 mL of solution (in 200 mg/mL benzylpenicilloyl polylysine).

**STORAGE AND ADMINISTRATION:**
PRE-PEN® contains sodium metabisulfite which may cause anaphylactic reactions in individuals with a history of allergy to sulfur containing compounds.

**PRE-PAK®**
benzylpenicilloyl histamine solution

**REFERENCES**

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