



HollisterStier
Allergy



ITEM NO. 7099ED

HISTAMINE

Positive Control

The highest histamine concentration on the market for precise, easy-to-read results and accurate diagnosis.

ITEM NO.	DESCRIPTION	UNIT
7099ED	Histamine for Percutaneous (Scratch, Prick or Puncture) Administration Histamine Dihydrochloride (equivalent to 6 mg/mL Histamine base)	5 mL

Our positive control is histamine dihydrochloride, which has a long history of scientific data documenting its efficacy; this is widely accepted as the European standard, dating back to the original Nordic guidelines.¹

The Concentration Recommended by Experts²

- Middleton's Allergy: Principles and Practice recommends 10 mg/mL as the "preferred positive control for prick-puncture tests."³ This is the exact concentration in our Histamine Positive Control.
- Skin Prick Testing and the Use of Histamine References recommends "histamine 10 mg/mL as an international positive reference."⁴
- "Histamine Dihydrochloride at 10mg/mL (equivalent to 6 mg/mL Histamine base) has been shown to elicit fewer false negative and false positive reactions"⁵ using the same skin testing device than 1mg/mL histamine base.

WARNING Important Safety Information

Attacks of severe asthma or other serious allergic conditions may be precipitated by the administration of Histamine Dihydrochloride in patients with bronchial disease. Certain medications may lessen the skin test wheel and erythema responses elicited by histamine for varying time periods. Tricyclic antidepressants such as Doxepin should be withheld for at least seven days before skin testing.

¹ Nordic Council on Medicines: Registration of Allergen Preparations. *Nordic Guidelines*, ed 1. Uppsala, NLN Publications, 1982, No 7, pp 16.

² I.L. Berstein, et al. Practice parameters for the diagnosis and treatment of asthma. *Ann Allergy Asthma Immunol.* 2008; 96:S1–S148.

³ N.F. Adkinson, B. B. (2014). Middleton's Allergy: Principles and Practice. 8th ed., 1123.

⁴ H.J. Malling. *Skin Prick Testing and the Use of Histamine References.* *Allergy*, 39: 596-601, (1984).

⁵ R.B. Berkowitz, D.G. Tinkleman, D. Lurz, et al. Evaluation of the Multi-test Device for Immediate Hypersensitivity Skin Testing. *J. Allergy Clin. Immunol.* 90: 979-985 (1992).

QUALITY. PURITY. RELIABILITY.

SEE INSERT INSIDE.

Adverse reactions on our products can be reported by calling 800-495-7437, or by emailing adversereactions@jhs.jubl.com. You are encouraged to report negative side effects of prescription drugs to the FDA. Visit www.fda.gov/medwatch, or call 800-FDA-1088.

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3525 North Regal Street | Spokane, WA 99207-5788
hsallergy.com | 800.495.7437