

Natural Lol p 1

Product Code: NA-LP1-1

Allergen: nLol p 1 (*Lolium perenne* allergen 1)

Lot No: XXXX

Source: Rye grass pollen (*Lolium perenne*)

Mol. Wt: 27 kD

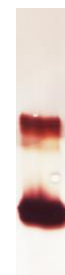
Purification: From Rye grass pollen extract by multi-step chromatography.
Purity > 90 % by silver stained SDS-PAGE

Concentration: See Product Insert.

Formulation: Preservative-free and carrier-free in phosphate buffered saline, pH 7.4. Sterile filtered.

Storage: Store at -20°C. Avoid repeated freeze-thaw cycles.

Notes: Under non-reducing conditions, a dimer is present at ~55kD in addition to the Lol p 1 monomer at ~27kD.



nLol p 1

An InBio™ product

For Research Use Only: Not for Diagnostic or Therapeutic Use

REFERENCES:

1. Burton MD, Papalia L, Eusebius NP, O'Hehir RE, Rolland JM. Characterization of the human T cell response to rye grass pollen allergens Lol p 1 and Lol p 5. *Allergy*. 2002 Dec;57(12):1136-44.
2. Tamborini E, Faccini S, Lidholm J, Svensson M, Brandazza A, Longhi R, Groenlund H, Sidoli A, Arosio P. Biochemical and immunological characterization of recombinant allergen Lol p 1. *Eur J Biochem*. 1997 Nov 1;249(3):886-94.
3. Griffith, I. J., P. M. Smith, J. Pollock, P. Theerakulpisut, A. Avjioglu, et al. Cloning and sequencing of Lol p I, the major allergenic protein of rye-grass pollen. *FEBS Letters* 1991;279:210-215
4. Perez M, Ishioka GY, Walker LE, Chesnut RW. cDNA cloning and immunological characterization of the rye grass allergen Lol p I. *J Biol Chem*. 1990 Sep25;265(27):16210-5.