

## Natural Fel d 1

**Product Code: NA-FD1-2**

Allergen: nFel d 1 (*Felis domesticus* allergen 1)  
Lot No: xxxxx  
Source: cat hair  
Mol. Wt: 18 kD  
Purification: Purified from cat hair extract by affinity chromatography.  
Purity approx. 95%. (See Panel).



nFel d 1

Concentration: See product insert

Formulation: Preservative-free and carrier-free in phosphate buffered saline,  
pH 7.4. Filtered through 0.22  $\mu$  filter.

Storage: Store at -20°C

Notes: (1) Because Fel d 1 is glycosylated, it migrates as a diffuse band  
on SDS-PAGE.

**For Research Use Only: Not for Diagnostic or Therapeutic Use**

**REFERENCES:**

1. Chapman MD, Aalberse RC, Brown MJ, Platts-Mills TAE. (1988). Monoclonal antibodies to the major feline allergen, Fel d I: II. Single step affinity purification of Fel d I, N-terminal sequence analysis and development of a sensitive two-site immunoassay to assess Fel d I exposure. *J Immunol* 140:812-818.
2. Luczynska CM, Li Y, Chapman MD, Platts-Mills TAE. (1990). Airborne concentrations and particle size distribution of allergen derived from domestic cats (*Felis domesticus*). *Amer Rev Respir Dis* 141:361-367.
3. DeBlay F, Chapman MD, Platts-Mills TAE. (1991). Airborne cat allergen (Fel d 1): Environmental control with the cat *in situ*. *Amer Rev Respir Dis* 143:1334-1339.
4. Vailes LD, Li Y, Bao Y, DeGroot H, Aalberse RC, Chapman MD. (1994). Fine specificity of B-cell epitopes on *Felis domesticus* allergen I (Fel d 1): Effect of reduction and alkylation, or deglycosylation on Fel d I structure and antibody binding. *J Allergy Clin Immunol* 93:22-33.