



Natural Fel d 1

Product Code: NA-FD1-2

Allergen:	nFel d 1 (<i>Felis domesticus</i> 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).
Concentration:	See product insert.
Formulation:	Preservative-free and carrier-free in phosphate buffered saline, pH 7.4. Filtered through 0.22 µ filter.
Storage:	Store at -20°C
Notes:	(1) Because Fel d 1 is glycosylated, it migrates as a diffuse band on SDS-PAGE.



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Allergens are provided for research and commercial use in vitro.
Not for human in vivo 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.