House Dust Mite Extract from *Dermatophagoides pteronyssinus*

Catalog # 3033

For Research Use Only - Not Human or Therapeutic Use

DESCRIPTION:	House dust mite extract from *Dermatophagoides pteronyssinus* House dust mite (HDM) is a common asthma allergen that more than 85% of asthma patients are sensitive to. Two major house dust mite species, *Dermatophagoides pteronyssinus* (Der p) and *Dermatophagoides farinae* (Der f), were found in asthma pathogenesis studies. The mites contain more than 20 types of HDM allergens; group 1 (Der 1) and group 2 (Der 2) allergens dominate overall allergic responses in patients and are the most commonly researched allergens (1-3). NOTE: House dust mite extract has a unique composition depending on the raw mite materials. The reactivity of this product may differ from batch to batch.
APPLICATION:	ELISA, Western Blot, Immunization
QUANTITY:	0.6 mg protein (Bradford Assay)
FORM:	Lyophilized powder
SOLUBILITY:	Dissolve in distilled water, phosphate buffered saline pH 7.4, or an equivalent buffer
STORAGE:	-20°C
STABILITY:	2 years
NOTES:	N/A
REFERENCES:	W. R. Thomas, W. Smith, House-dust-mite allergens. *Allergy* **53**, 821-832 (1998). A. Custovic, S. Taggart, H. Francis, M. Chapman, A. Woodcock, Exposure to house dust mite allergens and the clinical activity of asthma. *J Allergy Clin Immunol* **98**, 64-72 (1996). A. Jacquet, The role of innate immunity activation in house dust mite allergy. *Trends Mol Med* **17**, 604-11 (2011).

© 2025 Chondrex, Inc. All Rights Reserved, 3033 3.0

16928 Woodinville-Redmond Rd NE Suite B-101
Woodinville, WA 98072

Phone: 425.702.6365 or 888.246.6373
Fax: 425.882.3094

www.chondrex.com
support@chondrex.com