

Acarus siro Extract

Catalog # 3102

For Research Use Only - Not Human or Therapeutic Use

DESCRIPTION:	<p><i>Acarus siro</i> extract</p> <p>Storage mites such as <i>Acarus siro</i> are commonly found in stored foods such as grain, flour, and hay (1). They are known to cause symptoms such as bronchial asthma, allergic rhinitis, and conjunctivitis, particularly in rural work environments. These mites thrive in warm, humid conditions (2).</p> <p>NOTE: AS extract has a unique composition depending on the raw mite materials. The reactivity of this product may differ from batch to batch.</p>
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:	<p>M. Dhooria, "Mite Problems of Stored Foods" in <i>Fundamentals of Applied Acarology</i>. (Springer, Singapore, 2016), pp. 349-362.</p> <p>C. Luczynska, P. Griffin, R. Davies, M. Topping, Prevalence of specific IgE to storage mites (<i>A. siro</i>, <i>L. destructor</i> and <i>T. longior</i>) in an urban population and crossreactivity with the house dust mite (<i>D. pteronyssinus</i>). <i>Clin Exp Allergy</i> 20(4), 403-6 (1990).</p>