



## Fenitrothion [HRP] (DAG017S)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

Specificity	N/A
Species	N/A
Conjugate	HRP
Applications	ELISA, LFIA
Format	Liquid
Concentration	Batch dependent - please inquire should you have specific requirements.
Size	1 mg
Buffer	0.01M PBS, pH7.4
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Ship	Wet ice

### BACKGROUND

#### Introduction

Fenitrothion is a broad-spectrum organophosphate insecticide with low mammalian toxicity. It is not fully effective against *Rhyzopertha dominica*. This residual insecticide has been used in several countries but is not registered for use in the United States against stored-product insects. It is not covered by patents, and the composition varies among manufacturers. Applications of 5–10 mg/kg can provide protection for nine to 12 months. There is minimal penetration into the grain, so all but 10% of the insecticide is removed by milling and all but 1–2% by cooking.

**Keywords**

FENITROTHION;Phenitrothion;Sumithion;Methylnitrophos;Folithion;Metathion;Nitrophos

---