

# Honey bee

Allergenius - The expert system of extended IgE profile



[https://en.wikipedia.org/wiki/Western\\_honey\\_bee#/media/File:Apis\\_mellifera\\_Western](https://en.wikipedia.org/wiki/Western_honey_bee#/media/File:Apis_mellifera_Western)

<b>Domain</b>	Eukaryota
<b>Kingdom</b>	Animalia
<b>Class</b>	Insecta
<b>Order</b>	Hymenoptera
<b>Family</b>	Apidae
<b>Genus</b>	Apis
<b>Species</b>	A. mellifera

<b>Groupment</b>	Insect
<b>Contact_EN</b>	Bite
<b>Scientific name</b>	Apis mellifera
<b>English Name</b>	Honeybee
<b>Italian name</b>	Ape da miele

## Allergen characteristics

Honeybees have been spread throughout the world. The allergens produced are numerous (see below)

Clinics

Local reactions are self limiting. Systemic reactions occur in 0,15-5% of the general population and may occasionally be fatal. Beekeepers are at a high risk for bee sting allergy

Seasonality

Not significant

Api m 1	Phospholip. A2		
Api m 2	Glycos Hudrox		
Api m 3	Hist Phospat		
Api m 4	Mellitin		
Api m 5	Peptidase		
Api m 6	Unknown		
Api m 7	Peptidase		
Api m 8	Lipase		
Api m 9	Peptidase		
Api m 10	Icarapin		
Api m 11	Bee-milk Protein		
Api m 12	Vitellogenin		
Api m 13kD	Unknown		

## Known components



## Components in ALEX



Api m 1
Api m 2
Api m 10