

European house dust mite

Allergenius - The expert system of extended IgE profile

Domain	Eukaryota
Kingdom	Animalia
Class	Arachnida
Order	Acariformes
Family	Pyroglyphidae
Genus	Dermatophagoides
Species	D. pteronyssinus

Groupment	Mites
Contact_EN	Inhalant
Scientific name	Dermatophagoides pteronyssinus
English Name	European house dust mite
Italian name	Acaro



[https://it.wikipedia.org/wiki/Dermatophagoides_pteronyssinus#/media/File:House Dust Mite.jpg](https://it.wikipedia.org/wiki/Dermatophagoides_pteronyssinus#/media/File:House_Dust_Mite.jpg)

Allergen characteristics

Dermatophagoides pteronyssinus, a house dust mite (sometimes referred to by allergists as HDM) is a cosmopolitan guest in human habitation. Dust mites feed on organic detritus such as flakes of shed human skin and flourish in the stable environment of dwellings. The mite's gut contains potent digestive enzymes (notably proteases) that persist in their feces and are major inducers of allergic reactions. The mite's exoskeleton can also contribute to allergic reactions. (from Wikipedia)

Weezing, Asthma, Rhinitis.

Perennial

Der p 1	Cysteine proteas	Der p 20	Arginine Kinase
Der p 2	NPC2	Der p 21	Group 5/21
Der p 3	Serine protease	Der p 23	Group 23
Der p 4	Group 4		
Der p 5	Group 5/21		
Der p 6	Chymotrypsin		
Der p 7	Group 7		
Der p 8	Group 8		
Der p 9	Group 9		
Der p 10	Tropanyosin		
Der p 11	Paramyosin		
Der p 13	Fatty Acid BP		
Der p 14	Vitellogenin		
Der p 15	Chitinase		
Der p 18	Chitinase		

Known components

Components in ALEX

- Der p 1
- Der p 2
- Der p 5
- Der p 7
- Der p 10
- Der p 11
- Der p 23

Clinics

Seasonality