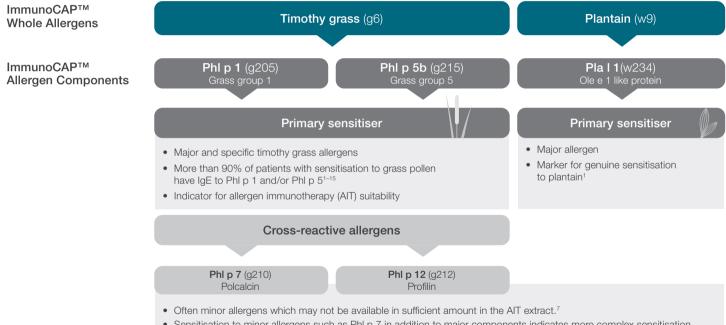
Early summer pollinosis ImmunoCAP[™] Specific IgE tests

Thermo Fisher

Grass pollen cause allergy symptoms in late spring and summer, typically from May to August, but can sometimes be found year-round in warmer climates. Grass pollen season overlaps with weed pollen, such as plantain, in most parts of Europe, but also with tree pollen in southern Europe.¹



Sensitisation to minor allergens such as PhI p 7 in addition to major components indicates more complex sensitisation
profiles and has been associated with more severe symptoms and longer duration of disease.⁷

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Whole extract Timothy grass / Plantain	Primary sensitisers Phl p 1 / Phl p 5b	Cross-reactive allergens Phl p 7 [#] / Phl p 12 [#]	Primary sensitiser Pla I 1	Interpreting results*	Management considerations
♣/—	+	.	-	 Primary timothy grass sensitisation is likely Sensitisation to PhI p 1 usually precedes other grass pollen component sensitisation in the development of rhinitis symptoms¹⁻¹⁵ 	 Consider prescription of AIT Grass pollen exposure reduction Targeted antihistamines around Timothy grass pollen season¹⁻¹⁶
+ /	-	+ /	+	Primary sensitisation to plantain is likely ¹	 Consider prescription of AIT Weed pollen exposure reduction Targeted antihistamines around plantain pollen season¹
+ /	-	+	-	 Sensitisation to cross-reactive minor allergens⁷⁻¹⁵ Primary sensitiser should be identified 	 Consider further investigations to identify the primary allergen Grass pollen exposure reduction Consider targeted antihistamines around grass pollen season⁷⁻¹⁵
+	-	-	-	If all components of the algorithm are negative and g6/w9 is positive, the patient could be sensitised to an untested allergen. As such, in the context of clinical history, exposure reduction may still be recommended. ¹	

* Results should always be interpreted in the context of the clinical history. # Profilin (Bet v 2, PhI p 12) and polcalcin (Bet v 4, PhI p 7) from birch and Timothy grass can be used as marker for almost all pollen due to structural similarity.¹⁶

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Official product names: ImmunoCAP Allergen g6, Timothy grass; ImmunoCAP Allergen g205, Allergen component rPhl p 1, Timothy; ImmunoCAP Allergen g215, Allergen component rPhl p 5b, Timothy; ImmunoCAP Allergen g210, Allergen component rPhl p 7 Polcalin, Timothy; ImmunoCAP Allergen g212, Allergen component rPhl p 12 Profilin, Timothy; ImmunoCAP Allergen w234, Allergen component rPla I 1, Plantain

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