

Suggested test panel: Suspected latex allergy^{1,19}

ImmunoCAP whole allergen	Latex (k82)						
ImmunoCAP Allergen Components	Major allergens				Minor allergens		Other
		Hev b 1 (k215)	Hev b 3 (k217)	Hev b 5 (k218)	Hev b 6.02 (k220)	Hev b 11 (k224)	Hev b 8 (k218)
Positive test results and relevant latex allergy	Likely. Associated with severe reaction during surgery		Likely. Associated with urticaria, angioedema, rhinitis, asthma		Unlikely. Associated with OAS, rhinoconjunctivitis, angioedema		Unlikely. Associated with low or no clinical relevance
Patient management	Latex avoidance		Latex avoidance. Information on latex/cross-reactivity to plant foods		Latex avoidance not necessary**. Info on cross-reactivity to plant foods/profilin		No impact

*Latex positivity (k82) can also be explained by IgE antibodies against cross-reactive carbohydrate determinants (CCD) and can be detected with MUXF3

**with precaution

1. Adapted from Matricardi PM, et al. EAACI Molecular Allergology User's Guide. PAI 2016; 27: (suppl 23): 1-250 (165-170). 2. Raulf-Heimsoth M, et al. Clin Exp Allergy 2007; 37: 1657-67. 3. Chen Z, et al. J Allergy Clin Immunol 1997; 100: 684-93. 4. Rihs HP, et al. Clin Exp Allergy 2000; 30: 1285-92. 5. Raulf-Heimsoth M, et al. J Allergy Clin Immunol 2002; 109:867. 6. Rozynek P, et al. Allergy 2006; 61: 508-9. 7. Oh SK, et al. J Biol Chem 1999; 274:17132-8. 8. Slater JE, et al. J Biol Chem 1996; 271: 25394-9. 9. Alenius H, et al. Clin Exp Allergy 1995; 25:659-65. 10. Alenius H, et al. J Immunol 1996; 156:1618-25. 11. Chen Z, et al. J Allergy Clin Immunol 1997; 99:402-9. 12. Yagami A, et al. Allergol Int 2009; 58: 347-55. 13. Vallier P, et al. Clin Exp Allergy 1995; 25: 332-9. 14. Ganglberger E, et al. Int Arch Allergy Immunol 2001; 125: 216-27. 15. Rihs HP, et al. Allergy 2000; 55: 712-717. 16. O'Riordain G, et al. Clin Exp Allergy 2002; 32: 455-462. 17. Rihs HP, et al. Allergy 2003; 58: 246-451. 18. Nettis E, et al. Int Arch Allergy Immunol 2012; 159: 147-148. 19. Adapted from Vandenplas O, et al. Curr Allergy Asthma Rep 2017; 17(3): 14. 20. Wu M, et al. J Occup Health 2016; 58:138-144.

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