

Nut mix 2 (Pecan nut, Cashew nut, Pistachio, Walnut)

☐ Staple food mix (Egg white, Milk, Fish, Wheat, Peanut,

Soybean)

Cereal mix (Wheat, Oat, Corn, Sesame seed, Buckwheat)

Guide to Allergy (RAST) Testing

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f40

Hazelnut

Almond

Cashew

Pecan nut

Coconut

Pistachio

Pine nut

Melon

Milk

Soy

Wheat

Barley

Oats

Rice

Beef

Pork

Prawn

Lobster

Salmon

□ Tuna

П

Chicken

Sesame seed

Brazil

4Cyte pathology offers a wide range of allergy testing using the Phadia ImmunoCAP™ system. Allergic disease may manifest as rhinitis (hay fever), conjunctivitis, bronchospasm (asthma), food allergy or anaphylaxis. Diagnosis is made by careful history and examination, and can be confirmed by detection of specific IgE to allergen by "RAST". Note that a positive RAST is evidence of sensitisation; allergic disease can only be diagnosed with both sensitisation AND a history of symptoms upon exposure. Note also that the level of positivity is correlated with the likelihood of true allergy, ie the higher the RAST level, the more likely it is to be relevant to the patient's symptoms. Finally, RAST is unlikely to be useful in conditions not mediated by IgE, such as food intolerances (e.g. lactose or non-coeliac gluten intolerance) or chronic urticaria/angioedema.

It is therefore important to select carefully which allergens are likely to be relevant to the patient's symptoms. At 4Cyte, we will perform up to four single allergens from the table below OR two allergen mixes OR one allergen mix and two single allergens. To make this process easier, we have designed 'Panels' which can be selected quickly for common allergies. In very select circumstances, testing to allergen components may be diagnostically useful, but we ask that you call the Immunopathologist to discuss individual patients prior to ordering. Prof David A. Fulcher, Immunopathologist, 4Cyte Pathology, Ph. 0418 283 495

SELECT ONE OPTION: OR....C. SELECT ONE MIX and TWO SINGLE ALLERGENS OR...D. SELECT up to FOUR SINGLE A. ONE PANEL **Perennial Allergens Seasonal Allergens Food Allergens B. TWO ALLERGEN MIXES** Dust Grass/weed pollens Nuts / seeds C. ONE MIX & TWO SINGLE ALLERGENS ☐ House dust mite (European: *D. Pteronyssinus*) d1 Grass (Fescue) □ Peanut ☐ House dust mite (US: *D. farinae*) Rye grass g5 D. FOUR SINGLE ALLERGENS ☐ Cockroach (German) Timothy grass g6 Bermuda grass q2 A. Panels—SELECT ONE PANEL ONLY Johnson grass g10 Mould Adult panel (dust mite, grass mix, animal mix) ☐ Alternaria Paspalam (Bahia) q17 m6 ☐ Child panel (dust mite, grass, cat, staple food mix) Plantain w9 ☐ Aspergillus fumigatus m3 ☐ Pet panel (cat, dog, guinea pig, rabbit) Ragweed w1 Cladosporium m2 Grass pollen panel (fescue, rye grass, timothy) ☐ Penicillium m1 Tree pollen panel (acacia, olive, birch) Tree pollens ☐ Mould panel (Alternaria, Aspergillus, Cladosporium) ☐ Acacia (Wattle) t19 ☐ Nut panel (peanut, almond, hazelnut, cashew) **Animals** Olive t9 **Fruit** ☐ Cat Staple food panel (egg white, milk, wheat, peanut) e1 Birch (silver) t3 □ Dog □ Banana Grain panel (wheat, barley, rice, soy) e5 □ Australian pine t73 ☐ Kiwi fruit Seafood panel (fish, tuna, prawn, crab) Guinea pig e6 ☐ Rabbit Fruit panel (banana, kiwi, melon) e82 Meat panel (beef, chicken, pork) ☐ Horse e3 Insects ☐ Insect panel (honey bee, paper wasp, yellow jacket) Staples ☐ Honey bee i1 □ Egg white European wasp (Yellow jacket) i3 Miscellaneous / drugs OR....B. SELECT up to TWO MIXES Paper wasp i4 ☐ Latex k82 (Please note that positive to an allergen mix suggests sensitisation Mosquito i71 ☐ Anisakis to **one** or more of the included allergens) p4 Penicillovl G ☐ Animal mix (Cat, Horse, Cow, Dog) c1 ☐ Grass mix (Cocksfoot, Meadow Fescue, Rye grass, ☐ Penicilloyl V c2 Amoxicilloyl c6 Timothy grass, Meadow grass) Ampicillovl ☐ Australian Tree mix (Olive, Willow, White Pine, c5 ☐ Cefaclor с7 Eucalyptus, Acacia, Melaleuca) tx7 ☐ Australian grass/weed mix (Bermuda, Ryegrass, Bahia, Ragweed, Plantain, Goosefoot) rx3 Components ☐ Mould mix (must discuss with Immunopathologist) Seafood (Penicillium, Cladosporium, Aspergillus, Alternaria) ☐ Ara-h2 (peanut) f423 ☐ Fish (cod) ☐ Nut mix 1 (Peanut, Hazelnut, Brazil nut, Almond, Coconut) fx1 ☐ Omega-5 Gliadin, Wheat f416 □ Crab

☐ Gal-alpha-1,3-Gal (Thyroglobulin bovine)

☐ Egg (nGal d 1, Ovomucoid)

fx5

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