

Patient: **Green John**
Birth date: 01/01/1900
APC Code: **ITROMCAAM79180**
Sample code: **CAAMSER 68964**

Lab code (ID Request): **12345**
Sample date: 03/29/2017
Test date: 03/31/2017
Printing date: 03/31/2017

Test: IgE Multiplex - FABER 244-122-122 03

Latin name	Common name	Tissue	Type°	Molecule name	Allergen	Value
<i>Actinidia chinensis</i>	Plants, Yangtao, Gold Kiwi, Kiwi	Fruit	E	///	Act c [Fruit]	0
<i>Actinidia chinensis</i>	Plants, Yangtao, Gold Kiwi, Kiwi	Fruit	M	Bet v 1-like; RRP	Act c 11	0
<i>Actinidia chinensis</i>	Plants, Yangtao, Gold Kiwi, Kiwi	Fruit	M	Chitinase	Act c Chitinase_IV	0
<i>Actinidia deliciosa</i>	Green Kiwi, Plants, Yangtao, Chinese Gooseberry, Kiwi	Fruit	E	///	Act d [Fruit]	0
<i>Actinidia deliciosa</i>	Green Kiwi, Plants, Yangtao, Chinese Gooseberry, Kiwi	Fruit	M	Cysteine Protease, Food	Act d 1	0
<i>Actinidia deliciosa</i>	Green Kiwi, Plants, Yangtao, Chinese Gooseberry, Kiwi	Fruit	M	LTP; 9k-LTP	Act d 10	0
<i>Actinidia deliciosa</i>	Green Kiwi, Plants, Yangtao, Chinese Gooseberry, Kiwi	Fruit	M	Thaumatococin	Act d 2	0
<i>Actinidia deliciosa</i>	Green Kiwi, Plants, Yangtao, Chinese Gooseberry, Kiwi	Fruit	M	Kiwellin	Act d 5	0
<i>Aedes communis</i>	Animals, Mosquito, Insects, Biting Insects	Saliva	E	///	Aed c	0
<i>Allium cepa</i>	Plants, Onion	Seed, Bulb	E	///	All c	0
<i>Allium porrum</i>	Plants, Leek	Leaf, Shoot	E	///	All p	0
<i>Allium sativum</i>	Plants, Garlic	Bulb	E	///	All s	0
<i>Alternaria alternata</i>	Alternaria, Fungi, Molds	Whole Body	M	Alt a 1-related	Alt a 1	0
<i>Alternaria alternata</i>	Alternaria, Fungi, Molds	Whole Body	M	Enolase	Alt a 6.0101	0
<i>Amaranthus cruentus</i>	Plants, Red Amaranth, Prince's Feather, African-Spinach, Red Shank, Mexican Grain Amaranth, Purple Amaranth, Blood Amaranth	Seed	E	///	Ama cr	0
<i>Ambrosia artemisiifolia</i>	Plants, Short Ragweed, Mugwort/Ragweed-related Species	Pollen	E	///	Amb a	0
<i>Ambrosia artemisiifolia</i>	Plants, Short Ragweed, Mugwort/Ragweed-related Species	Pollen	M	Amb a 1-like; Pectate Lyase	Amb a 1	0
<i>Ananas comosus</i>	Plants, Pineapple, Drugs	Fruit, Stem	M	CCD-bearing Protein (XF); Cysteine Protease, Food	Ana c 2	0
<i>Anacardium occidentale</i>	Plants, Cashew	Seed	E	///	Ana o [Seed]	0
<i>Anacardium occidentale</i>	Plants, Cashew	Seed	M	2S Albumin	Ana o 3	0
<i>Anas platyrhynchos</i>	Animals, Duck, Birds	Egg	E	///	Ana p [Egg white]	0
<i>Anas platyrhynchos</i>	Animals, Duck, Birds	Egg	E	///	Ana p [Egg yolk]	0
<i>Anisakis pegreffii</i>	Animals, Parasites, Worms, Anisakis	Larva	E	///	Ani pe	0
<i>Anisakis simplex</i>	Animals, Parasites, Worms, Anisakis	Whole Body	E	///	Ani s	0
<i>Anisakis simplex</i>	Animals, Parasites, Worms, Anisakis	Whole Body	M	Serine protease inhibitor	Ani s 1	0
<i>Anisakis simplex</i>	Animals, Parasites, Worms, Anisakis	Muscle	M	Tropomyosin	Ani s 3	0
<i>Apium graveolens</i>	Plants, Celery, Celeriac	Stalk	E	///	Api g [Stalk]	0
<i>Apium graveolens</i>	Plants, Celery, Celeriac	Leaf, Root	M	Fagales-related, Group 1; Bet v 1-like	Api g 1.0101	0
<i>Apis mellifera</i>	Animals, Insects, Honey Bee, Hymenoptera, European Honey Bee	Venom	E	///	Api m [Venom]	0
<i>Apis mellifera</i>	Animals, Insects, Honey Bee, Hymenoptera, European Honey Bee	Venom	M	Phospholipase A2; CCD-bearing Protein (XF)	Api m 1	0
<i>Apis mellifera</i>	Animals, Insects, Honey Bee, Hymenoptera, European Honey Bee	Venom	M	Melittin	Api m 4	0
<i>Arachis hypogaea</i>	Plants, Peanut, Groundnut, Legumes	Seed	E	///	Ara h	0
<i>Arachis hypogaea</i>	Plants, Peanut, Groundnut, Legumes	Seed	M	7S Vicilin; CCD-bearing Protein (XF)	Ara h 1-NT	0
<i>Arachis hypogaea</i>	Plants, Peanut, Groundnut, Legumes	Seed	M	(Roasted - Industrial preparation)		
<i>Arachis hypogaea</i>	Plants, Peanut, Groundnut, Legumes	Seed	M	2S Albumin	Ara h 2	0
<i>Arachis hypogaea</i>	Plants, Peanut, Groundnut, Legumes	Seed	M	Trypsin Inhibitor; 11S Globulin	Ara h 3	0
<i>Arachis hypogaea</i>	Plants, Peanut, Groundnut, Legumes	Seed	M	2S Albumin	Ara h 6	0

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<i>Arachis hypogaea</i>	Plants, Peanut, Groundnut, Legumes	Seed	M	Fagales-related, Group 1; Bet v 1-like	Ara h 8.0101	20.73
<i>Arachis hypogaea</i>	Plants, Peanut, Groundnut, Legumes	Seed	M	LTP; 9k-LTP	Ara h 9	0
<i>Arachis hypogaea</i>	Plants, Peanut, Groundnut, Legumes	Seed	M	Agglutinin; Lectin	Ara h Agglutinin	0
<i>Armoracia rusticana</i>	Plants, Horseradish	Leaf	M	CCD-bearing Protein (XF)	Arm r HRP	0
<i>Artemisia vulgaris</i>	Plants, Mugwort, Mugwort/Ragweed-related Species, English Mugwort	Pollen	E	///	Art v	0
<i>Artemisia vulgaris</i>	Plants, Mugwort, Mugwort/Ragweed-related Species, English Mugwort	Pollen	M	Art v 1-like; Defensin	Art v 1	0
<i>Aspergillus fumigatus</i>	Fungi, Aspergillus, Molds	Whole Body	E	///	Asp f	0
<i>Aspergillus niger</i>	Fungi, Aspergillus, Molds	Whole Body	E	///	Asp n	0
<i>Aspergillus restrictus</i>	Fungi, Aspergillus, Molds	Whole Body	M	Ribotoxin	Asp r 1	0
<i>Asparagus officinalis</i>	Plants, Asparagus	Stem	E	///	Aspa o	0
<i>Bertholletia excelsa</i>	Plants, Brazil Nut	Seed	E	///	Ber e	0
<i>Betula verrucosa</i>	Plants, Birch, Birch/Hazel/Oak-related Species, Silver Birch	Pollen	E	///	Bet v [Pollen]	11.43
<i>Betula verrucosa</i>	Plants, Birch, Birch/Hazel/Oak-related Species, Silver Birch	Pollen	M	Fagales, Group 1; Bet v 1-like	Bet v 1.0101	30.14
<i>Betula verrucosa</i>	Plants, Birch, Birch/Hazel/Oak-related Species, Silver Birch	Pollen	M	Profilin	Bet v 2.0101	0
<i>Beta vulgaris</i>	Plants, Common Beet, Beetroot	Seed, Leaf	E	///	Beta v [Leaf]	0
<i>Blattella germanica</i>	Animals, Insects, German Cockroach, Cockroaches, Cockroaches and other Infestants, Cockroach	Whole Body	E	///	Bla g	0
<i>Blattella germanica</i>	Animals, Insects, German Cockroach, Cockroaches, Cockroaches and other Infestants, Cockroach	Whole Body	M	Cockroaches, Group 1	Bla g 1	0
<i>Blattella germanica</i>	Animals, Insects, German Cockroach, Cockroaches, Cockroaches and other Infestants, Cockroach	Whole Body	M	Aspartic Protease	Bla g 2	0
<i>Blattella germanica</i>	Animals, Insects, German Cockroach, Cockroaches, Cockroaches and other Infestants, Cockroach	Whole Body	M	Calycin; Lipocalin	Bla g 4	0
<i>Blattella germanica</i>	Animals, Insects, German Cockroach, Cockroaches, Cockroaches and other Infestants, Cockroach	Whole Body	M	GST	Bla g 5	0
<i>Blomia tropicalis</i>	Mites, Animals, Arthropods, Blomia	Whole Body	E	///	Blo t	0
<i>Bos domesticus</i>	Animals, Cow, Mammals, Beef, Cattle	Muscle	E	///	Bos d [Meat]	0
<i>Bos domesticus</i>	Animals, Cow, Mammals, Beef, Cattle	Milk	E	///	Bos d [Milk]	0
				(Breed / Cultivar / Race / Strain / - Swiss Braunvieh Cow)		
<i>Bos domesticus</i>	Animals, Cow, Mammals, Beef, Cattle	Milk	M	alpha-Lactalbumin	Bos d 4	0
<i>Bos domesticus</i>	Animals, Cow, Mammals, Beef, Cattle	Milk	M	beta-Lactoglobulin; Lipocalin	Bos d 5	0
<i>Bos domesticus</i>	Animals, Cow, Mammals, Beef, Cattle	Dandruff, Serum, Milk, Muscle	M	Serum Albumin	Bos d 6	0
<i>Bos domesticus</i>	Animals, Cow, Mammals, Beef, Cattle	Milk	M	Casein; alphaS1-Casein; alphaS2-Casein; beta-Casein; kappa-Casein	Bos d 8	0
<i>Bos domesticus</i>	Animals, Cow, Mammals, Beef, Cattle	Muscle	M	alpha-Gal Marker; Carbonic Anhydrase	Bos d CA	0
<i>Bos domesticus</i>	Animals, Cow, Mammals, Beef, Cattle, Drugs	Skin, Bone	M	Gelatin	Bos d Gelatin	0
<i>Bos domesticus</i>	Animals, Cow, Mammals, Beef, Cattle	Milk	M	Lactoferrin	Bos d LF	0
<i>Bubalus bubalis</i>	Animals, Mammals, Domestic Water Buffalo	Milk	E	///	Bub b [Milk]	0
<i>Camelus dromedarius</i>	Animals, Mammals, Dromedary, Arabian Camel, One-humped Camel	Milk	E	///	Cam d [Milk]	0
<i>Canis familiaris</i>	Animals, Mammals, Dog	Dandruff	E	///	Can f [Epithelium]	18.94
<i>Canis familiaris</i>	Animals, Mammals, Dog	Saliva, Dandruff	M	Lipocalin	Can f 1	0
<i>Canis familiaris</i>	Animals, Mammals, Dog	Saliva, Dandruff	M	Lipocalin	Can f 2	0
<i>Canis familiaris</i>	Animals, Mammals, Dog	Saliva, Dandruff, Serum	M	Serum Albumin	Can f 3	0

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<i>Canis familiaris</i>	Animals, Mammals, Dog	Dandruff, Urine	M	Arginine Esterase	Can f 5	4.54
<i>Candida albicans</i>	Fungi, Candida, Yeasts	Whole Body	E	///	Cand a	0
<i>Capra hircus</i>	Animals, Mammals, Goat	Milk	E	///	Cap h [Milk]	0
<i>Carica papaya</i>	Plants, Papaya	Fruit	M	Cysteine Protease, Food	Car p 1	0
<i>Carica papaya</i>	Plants, Papaya, Drugs	Fruit	M	Cysteine Protease, Food	Car p Chymopapain	0
<i>Castanea sativa</i>	Plants, Chestnut, Birch/Hazel/Oak-related Species	Seed, Nut	E	///	Cas s [Seed]	0
<i>Cavia porcellus</i>	Animals, Mammals, Guinea Pig, Rodents	Dandruff, Urine	E	///	Cav p [Epithelium]	0
<i>Ceratonia siliqua</i>	Plants, Carob, St John's Bread	Seed	E	///	Cer si [Seed]	0
<i>Chenopodium quinoa</i>	Plants, Quinoa	Seed	E	///	Che qu	0
<i>Cicer arietinum</i>	Plants, Chickpea, Legumes	Seed	E	///	Cic a	0
<i>Citrus reticulata</i>	Plants, Tangerine, Mandarin Orange	Fruit	E	///	Cit r [Fruit]	0
<i>Cladosporium herbarum</i>	Fungi, Molds, Cladosporium	Whole Body	E	///	Cla h	0
<i>Corylus avellana</i>	Plants, Hazel, Hazelnut, Birch/Hazel/Oak-related Species	Pollen	E	///	Cor a [Pollen]	5.10
<i>Corylus avellana</i>	Plants, Hazel, Hazelnut, Birch/Hazel/Oak-related Species	Seed, Nut	E	///	Cor a [Seed]	0
<i>Corylus avellana</i>	Plants, Hazel, Hazelnut, Birch/Hazel/Oak-related Species	Pollen	M	Fagales, Group 1; Bet v 1-like	Cor a 1.0103	11.28
<i>Corylus avellana</i>	Plants, Hazel, Hazelnut, Birch/Hazel/Oak-related Species	Seed	M	2S Albumin	Cor a 14	0
<i>Corylus avellana</i>	Plants, Hazel, Hazelnut, Birch/Hazel/Oak-related Species	Seed	M	LTP; 9k-LTP	Cor a 8	0
<i>Corylus avellana</i>	Plants, Hazel, Hazelnut, Birch/Hazel/Oak-related Species	Seed	M	11S Globulin	Cor a 9	0
<i>Coturnix coturnix</i>	Animals, Common Quail, Birds	Egg	E	///	Cot c [Egg white]	0
<i>Coturnix coturnix</i>	Animals, Common Quail, Birds	Egg	E	///	Cot c [Egg Yolk]	0
<i>Cricetus cricetus</i>	Animals, Mammals, Hamster, Rodents	Saliva, Dandruff, Serum, Urine, Hair	E	///	Cri c	0
<i>Cryptomeria japonica</i>	Plants, Japanese Cedar, Sugi, Cedar/Cypress/Juniper-related Species	Pollen	E	///	Cry j	0
<i>Cucumis melo</i>	Plants, Muskmelon, Cantaloupe	Fruit	E	///	Cuc m [Pulp]	0
<i>Cucumis sativus</i>	Plants, Cucumber	Fruit	E	///	Cuc s	0
<i>Cupressus arizonica</i>	Plants, Arizona Cypress, Cedar/Cypress/Juniper-related Species	Pollen	M	Cupressaceae, Group 1; CCD-bearing Protein (XF); Pectate Lyase	Cup a 1	14.13
<i>Daucus carota</i>	Plants, Carrot, Carrots	Root	E	///	Dau c	0
<i>Dermatophagoides farinae</i>	Mites, Animals, House Dust Mite, Arthropods	Whole Body	M	Mites, Group 1; Cysteine Protease	Der f 1	3.38
<i>Dermatophagoides farinae</i>	Mites, Animals, House Dust Mite, Arthropods	Whole Body	M	Mites, Group 2	Der f 2	19.54
<i>Dermatophagoides pteronyssinus</i>	Mites, Animals, House Dust Mite, Arthropods	Whole Body	M	Mites, Group 1; Cysteine Protease	Der p 1	9.64
<i>Dermatophagoides pteronyssinus</i>	Mites, Animals, House Dust Mite, Arthropods	Whole Body	M	Tropomyosin; Mites, Group 10	Der p 10	0
<i>Dermatophagoides pteronyssinus</i>	Mites, Animals, House Dust Mite, Arthropods	Whole Body	M	Mites, Group 2	Der p 2	34.74
<i>Dermatophagoides pteronyssinus</i>	Mites, Animals, House Dust Mite, Arthropods	Whole Body	M	Mites, Group 23	Der p 23.0101	11.38
<i>Dermatophagoides pteronyssinus</i>	Mites, Animals, House Dust Mite, Arthropods	Whole Body	M	Mites, Group 7	Der p 7	0
<i>Dermatophagoides pteronyssinus</i>	Mites, Animals, House Dust Mite, Arthropods	Whole Body	M	Mites, Group 9; Serine protease	Der p 9	0
<i>Equus asinus</i>	Animals, Mammals, Donkey, Ass	Milk	E	///	Equ as [Milk]	0
<i>Equus caballus</i>	Animals, Mammals, Horse, Mare	Skin	E	///	Equ c [Epithelium]	0
<i>Equus caballus</i>	Animals, Mammals, Horse, Mare	Milk	E	///	Equ c [Milk]	0
<i>Equus caballus</i>	Animals, Mammals, Horse, Mare	Serum, Milk, Muscle, Skin	M	Serum Albumin	Equ c 3	0
<i>Equus caballus</i>	Animals, Mammals, Horse, Mare	Muscle	M	Myoglobin	Equ c Myoglobin	0

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<i>Euroglyphus maynei</i>	Mites, Animals, House Dust Mite, Arthropods, Euroglyphus	Whole Body	M	Mites, Group 2	Eur m 2	6.35
<i>Fagopyrum esculentum</i>	Plants, Buckwheat	Seed	E	///	Fag e	0
<i>Felis domesticus</i>	Animals, Mammals, Cat	Saliva	E	///	Fel d	0
<i>Felis domesticus</i>	Animals, Mammals, Cat	Saliva	M	Fel d 1-related	Fel d 1	0
<i>Felis domesticus</i>	Animals, Mammals, Cat	Dandruff, Serum, Urine	M	Serum Albumin	Fel d 2	0
<i>Foeniculum vulgare</i>	Plants, Fennel	Bulb	E	///	Foe v [Bulb]	0
<i>Fragaria ananassa</i>	Plants, Strawberry	Fruit	E	///	Fra a [Fruit]	0
<i>Gadus morhua</i>	Animals, Fishes, Atlantic Cod	Muscle	E	///	Gad m [Meat]	0
<i>Gallus domesticus</i>	Animals, Hen, Chicken, Birds	Egg	E	///	Gal d [Egg white]	0
<i>Gallus domesticus</i>	Animals, Hen, Chicken, Birds	Egg	E	///	Gal d [Egg yolk]	0
<i>Gallus domesticus</i>	Animals, Hen, Chicken, Birds	Muscle	E	///	Gal d [Meat]	0
<i>Gallus domesticus</i>	Animals, Hen, Chicken, Birds	Egg	M	Ovomucoid; Trypsin Inhibitor	Gal d 1	0
<i>Gallus domesticus</i>	Animals, Hen, Chicken, Birds	Egg	M	Ovalbumin	Gal d 2	0
<i>Gallus domesticus</i>	Animals, Hen, Chicken, Birds	Egg	M	Ovotransferrin	Gal d 3	0
<i>Gallus domesticus</i>	Animals, Hen, Chicken, Birds	Egg	M	Lysozyme	Gal d 4	0
<i>Gallus domesticus</i>	Animals, Hen, Chicken, Birds	Serum, Egg	M	Serum Albumin; Livetin	Gal d 5	0
<i>Glycine max</i>	Plants, Soy, Soyabean, Legumes	Seed	E	///	Gly m	0
<i>Glycine max</i>	Plants, Soy, Soyabean, Legumes	Seed	M	Hydrophobic Seed Protein	Gly m 1	0
<i>Glycine max</i>	Plants, Soy, Soyabean, Legumes	Seed	M	Agglutinin; Lectin	Gly m Agglutinin	0
<i>Glycine max</i>	Plants, Soy, Soyabean, Legumes	Seed	M	Trypsin Inhibitor	Gly m TI	0
<i>Helix aspersa</i>	Animals, Mollusks, Snails, Brown Garden Snail	Muscle	E	///	Hel as	0
<i>Helix aspersa</i>	Animals, Mollusks, Snails, Brown Garden Snail	Muscle	M	Tropomyosin	Hel as 1	0
<i>Hevea brasiliensis</i>	Plants, Latex, Rubber Tree	Latex	E	///	Hev b	0
<i>Hevea brasiliensis</i>	Plants, Latex, Rubber Tree	Latex	M	Elongation Factor	Hev b 1	0
<i>Hevea brasiliensis</i>	Plants, Latex, Rubber Tree	Latex	M	SOD; Fe/Mn-SOD	Hev b 10	0
<i>Hevea brasiliensis</i>	Plants, Latex, Rubber Tree	Latex	M	Hevein-like; Chitinase	Hev b 11	0
<i>Hevea brasiliensis</i>	Plants, Latex, Rubber Tree	Latex	M	Small Rubber Particle Protein	Hev b 3.0101	0
<i>Hevea brasiliensis</i>	Plants, Latex, Rubber Tree	Latex	M	Hev b 5-like	Hev b 5.0101	0
<i>Hevea brasiliensis</i>	Plants, Latex, Rubber Tree	Latex	M	Hevein-like	Hev b 6.02	0
<i>Hevea brasiliensis</i>	Plants, Latex, Rubber Tree	Latex	M	Patatin	Hev b 7.02	0
<i>Hevea brasiliensis</i>	Plants, Latex, Rubber Tree	Latex	M	Profilin	Hev b 8	0
<i>Hevea brasiliensis</i>	Plants, Latex, Rubber Tree	Latex	M	Enolase	Hev b 9	0
<i>Homo sapiens</i>	Animals, Mammals, Humans	Serum	M	Serum Albumin	Hom s HSA	0
<i>Homo sapiens</i>	Animals, Mammals, Humans	Milk	M	Lactoferrin; CCD-bearing Protein (XF)	Hom s LF	0
<i>Hordeum vulgare</i>	Plants, Grasses, Barley	Seed	E	///	Hor v [Seed]	0
<i>Juglans regia</i>	Plants, Walnut	Seed, Nut	E	///	Jug r [Seed]	0
<i>Juglans regia</i>	Plants, Walnut	Seed	M	7S Vicilin; CCD-bearing Protein (XF)	Jug r 2	0
<i>Juglans regia</i>	Plants, Walnut	Seed	M	LTP; 9k-LTP	Jug r 3	0
<i>Lactuca sativa</i>	Plants, Garden Lettuce, Mugwort/Ragweed-related Species, Lettuce	Leaf	E	///	Lac s	0
<i>Lens culinaris</i>	Plants, Lentil, Legumes	Seed	E	///	Len c	0
<i>Linum usitatissimum</i>	Plants, Flax, Linseed	Seed	E	///	Lin us	0
<i>Litopenaeus vannamei</i>	Animals, Crustaceans, Whiteleg Shrimp, European White Shrimp, Pacific White Shrimp	Muscle	M	Tropomyosin	Lit v 1	0
<i>Lolium perenne</i>	Plants, Grasses, Rye grass	Pollen	E	///	Lol p [Pollen]	19.13
<i>Lolium perenne</i>	Plants, Grasses, Rye grass	Pollen	M	Grasses, Group 1; CCD-bearing Protein (XF); Expansin	Lol p 1	18.48
<i>Lupinus albus</i>	Plants, White Lupine, Legumes	Seed	E	///	Lup a [Seed]	0
<i>Malus domestica</i>	Plants, Apple	Fruit	E	///	Mal d [Fruit]	1.80
<i>Malus domestica</i>	Plants, Apple	Fruit	M	Fagales-related, Group 1; Bet v 1-like	Mal d 1.0108	10.82

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 Printing date: 03/31/2017

Latin name	Common name	Tissue	Type°	Molecule name	Allergen	Value
<i>Meleagris gallopavo</i>	Animals, Common Turkey, Birds	Egg	E	///	Mel g [Egg white]	0
<i>Meleagris gallopavo</i>	Animals, Common Turkey, Birds	Egg	E	///	Mel g [Egg yolk]	0
<i>Meleagris gallopavo</i>	Animals, Common Turkey, Birds	Muscle	E	///	Mel g [Meat]	0
<i>Mercurialis annua</i>	Plants, Annual Mercury	Pollen	M	Profilin	Mer a 1	0
<i>Merluccius merluccius</i>	Animals, Fishes, European Hake, Densack, Seapike, Atlantic Hake	Muscle	M	Parvalbumin	Mer mr 1	0
<i>Mus musculus</i>	Animals, Mammals, Mouse, Rodents	Dandruff	E	///	Mus m [Epithelium]	0
<i>Mus musculus</i>	Animals, Mammals, Mouse, Rodents	Urine	M	Lipocalin	Mus m 1	0
<i>Mus musculus</i>	Animals, Mammals, Mouse, Rodents	Serum, Urine	M	Serum Albumin	Mus m 4	0
<i>Mytilus edulis</i>	Animals, Mollusks, Blue Mussel	Muscle	E	///	Myt e	0
<i>Octopus vulgaris</i>	Animals, Mollusks, Octopus, Common Octopus	Muscle	E	///	Oct v	0
<i>Olea europaea</i>	Plants, Olive Tree, Olive-related Species	Pollen	E	///	Ole e [Pollen]	2.27
<i>Olea europaea</i>	Plants, Olive Tree, Olive-related Species	Pollen	M	Oleaceae, Group 1; CCD-bearing Protein (XF); Ole e 1-like	Ole e 1	2.47
<i>Olea europaea</i>	Plants, Olive Tree, Olive-related Species	Pollen	M	Profilin	Ole e 2	0
<i>Oryctolagus cuniculus</i>	Animals, Mammals, Rabbit	Dandruff	E	///	Ory c [Epithelium]	0
<i>Oryctolagus cuniculus</i>	Animals, Mammals, Rabbit	Muscle	E	///	Ory c [Meat]	0
<i>Oryctolagus cuniculus</i>	Animals, Mammals, Rabbit	Serum, Urine	M	Serum Albumin	Ory c 6	0
<i>Oryza sativa</i>	Plants, Grasses, Rice	Seed	E	///	Ory s [Seed]	0
				(Preparation of the laboratory - IBBR-CNR, Italy)		
<i>Ovis aries</i>	Animals, Mammals, Sheep, Ewe	Muscle	E	///	Ovi a [Meat]	0
<i>Ovis aries</i>	Animals, Mammals, Sheep, Ewe	Milk	E	///	Ovi a [Milk]	0
<i>Ovis aries</i>	Animals, Mammals, Sheep, Ewe	Serum, Urine, Milk, Muscle	M	Serum Albumin	Ovi a 6	0
<i>Pandalus borealis</i>	Animals, Crustaceans, Northern Red Shrimp	Muscle	E	///	Pan b	0
<i>Parietaria judaica</i>	Plants, Pellitory, Parietaria	Pollen	E	///	Par j	0
<i>Parietaria judaica</i>	Plants, Pellitory, Parietaria	Pollen	M	LTP; 11k-LTP	Par j 2	0
<i>Penicillium chrysogenum</i>	Fungi, Molds, Penicillium	Whole Body	E	///	Pen ch	0
<i>Periplaneta americana</i>	Animals, Insects, Cockroaches, American Cockroach, Cockroaches and other Infestants, English American Cockroach	Whole Body	E	///	Per a	0
<i>Periplaneta americana</i>	Animals, Insects, Cockroaches, American Cockroach, Cockroaches and other Infestants, English American Cockroach	Muscle	M	Tropomyosin	Per a 7	0
<i>Persea americana</i>	Plants, Avocado	Fruit	E	///	Pers a	0
<i>Phaseolus vulgaris</i>	Plants, Kidney Bean, French Bean, String Bean, Legumes, Bean	Seed	E	///	Pha v [Seed]	0
<i>Phleum pratense</i>	Plants, Grasses, Timothy Grass	Pollen	E	///	Phl p	23.05
<i>Phleum pratense</i>	Plants, Grasses, Timothy Grass	Pollen	M	Grasses, Group 1; Expansin	Phl p 1.0102	13.91
<i>Phleum pratense</i>	Plants, Grasses, Timothy Grass	Pollen	M	Grasses, Group 2	Phl p 2.0101	0
<i>Phleum pratense</i>	Plants, Grasses, Timothy Grass	Pollen	M	Grasses, Group 5	Phl p 5.0101	22.64
<i>Phleum pratense</i>	Plants, Grasses, Timothy Grass	Pollen	M	Grasses, Group 6	Phl p 6.0101	0
<i>Phleum pratense</i>	Plants, Grasses, Timothy Grass	Pollen	M	Polcalcin	Phl p 7.0101	0
<i>Pinus pinea</i>	Plants, Pine, Pignolia-Nut Pine, Stone Pine, Pine Nut	Seed	E	///	Pin p [Seed]	0
<i>Pistacia vera</i>	Plants, Pistachio	Seed	E	///	Pis v [Seed]	0
<i>Platanus acerifolia</i>	Plants, American Sycamore, London Plane Tree	Pollen	E	///	Pla a	0
<i>Platanus acerifolia</i>	Plants, American Sycamore, London Plane Tree	Pollen	M	Invertase Inhibitor	Pla a 1	0
<i>Pleurotus ostreatus</i>	Fungi, Mushrooms, Oyster Mushroom, White-rot Fungus	Whole Body	E	///	Ple o [Sporocarp]	0
<i>Polistes spp</i>	Animals, Insects, Paper Wasp, Hymenoptera	Venom	E	///	Pol spp	0
<i>Prunus armeniaca</i>	Plants, Apricot	Fruit	E	///	Pru ar [Fruit]	0
<i>Prunus dulcis</i>	Plants, Almond, Almond Tree	Seed	E	///	Pru du [Seed]	0
<i>Prunus persica</i>	Plants, Peach, Nectarine	Fruit	E	///	Pru p [Peel]	0
<i>Prunus persica</i>	Plants, Peach, Nectarine	Fruit	E	///	Pru p [Pulp]	0

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Specific IgE values: Negative ≤ 0,01 FIU/ml; Doubtful > 0,01 / < 0,30 FIU/ml; Positive ≥ 0,30 FIU/ml

Dr. Adriano Mari (Coordinator) - Dr.ssa Claudia Alessandri (Pediatric Allergy)
 Dr.ssa Maria Livia Bernardi - Dr.ssa Rosetta Ferrara - Dr.ssa Danila Zennaro

Patient: **Green John**
 Birth date: 01/01/1900
 APC Code: **ITROMCAAM79180**
 Sample code: **CAAMSER 68964**

Lab code (ID Request): **12345**
 Sample date: 03/29/2017
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Latin name	Common name	Tissue	Type°	Molecule name	Allergen	Value
<i>Prunus persica</i>	Plants, Peach, Nectarine	Fruit	M	LTP; 9k-LTP	Pru p 3	0
<i>Prunus persica</i>	Plants, Peach, Nectarine	Fruit	M	Anti-Microbial Peptide	Pru p 7	0
<i>Punica granatum</i>	Plants, Pomegranate	Fruit	E	///	Pun g	0
<i>Punica granatum</i>	Plants, Pomegranate	Fruit	M	LTP; 9k-LTP	Pun g 1	0
<i>Punica granatum</i>	Plants, Pomegranate	Fruit	M	Chitinase	Pun g 14	0
<i>Punica granatum</i>	Plants, Pomegranate	Fruit	M	Hevein-like	Pun g 5	0
<i>Punica granatum</i>	Plants, Pomegranate	Fruit	M	Anti-Microbial Peptide	Pun g 7	0
<i>Quercus alba</i>	Plants, Oak, White Oak, English Oak, Birch/Hazel/Oak-related Species	Pollen	E	///	Que a [Pollen]	2.11
<i>Rattus norvegicus</i>	Animals, Mammals, Rat, Rodents	Dandruff	E	///	Rat n [Epithelium]	0
<i>Rattus norvegicus</i>	Animals, Mammals, Rat, Rodents	Urine	M	Lipocalin	Rat n 1	0
<i>Rattus norvegicus</i>	Animals, Mammals, Rat, Rodents	Serum, Urine	M	Serum Albumin	Rat n 4	0
<i>Saccharomyces cerevisiae</i>	Fungi, Baker's Yeast, Yeasts	Whole Body	E	///	Sac c	0
<i>Salmo salar</i>	Animals, Fishes, Atlantic Salmon	Muscle	E	///	Sal s [Meat]	0
<i>Sardinops melanostictus</i>	Animals, Fishes, Sardine, Japanese Pilchard, Japanese Sardine	Muscle	E	///	Sar m	0
<i>Sesamum indicum</i>	Plants, Sesame, Oriental Sesame	Seed	E	///	Ses i	0
<i>Sinapis alba</i>	Plants, Turnip, White Mustard, Bird Rape	Seed	E	///	Sin a [Seed]	0
<i>Solea solea</i>	Animals, Fishes, Common Sole	Muscle	E	///	Sol so	0
<i>Solanaceae, Solanum lycopersicum</i>	Plants, Tomato	Fruit	E	///	Sola l [Fruit]	0
<i>Solanaceae, Solanum lycopersicum</i>	Plants, Tomato	Seed	E	///	Sola l [Seed]	0
<i>Solanaceae, Solanum lycopersicum</i>	Plants, Tomato	Fruit, Seed	M	LTP; 7k-LTP	Sola l 6	0
<i>Solanaceae, Solanum melongena</i>	Plants, Eggplant, Aubergine, Brinjal, Melongene, Guinea Squash	Fruit	E	///	Sola m	0
<i>Solanaceae, Solanum tuberosum</i>	Plants, Potato	Tuber	E	///	Sola t	0
<i>Solanaceae, Solanum tuberosum</i>	Plants, Potato	Tuber	M	Patatin; CCD-bearing Protein (XF)	Sola t 1	0
<i>Spinacia oleracea</i>	Plants, Spinach	Leaf	E	///	Spi o	0
<i>Sus scrofa domestica</i>	Animals, Mammals, Pig, Domestic Pig, Sow, Pork	Muscle	E	///	Sus s [Meat]	0
<i>Sus scrofa domestica</i>	Animals, Mammals, Pig, Domestic Pig, Sow, Pork	Serum, Urine, Milk	M	Serum Albumin	Sus s 1	0
<i>Thunnus albacares</i>	Animals, Fishes, Yellowfin Tuna	Muscle	E	///	Thu a [Meat]	0
<i>Triticum aestivum</i>	Plants, Grasses, Wheat	Seed	E	///	Tri a [Seed]	0
<i>Triticum aestivum</i>	Plants, Grasses, Wheat	Seed	M	(Preparation of the laboratory - IBBR-CNR, Italy) LTP; 7k-LTP	Tri a 7k-LTP	0
<i>Triticum aestivum</i>	Plants, Grasses, Wheat	Seed	M	Hevein-like; Agglutinin; Lectin	Tri a 18	0
<i>Triticum aestivum</i>	Plants, Grasses, Wheat	Seed	M	alpha-Amylase Inhibitor	Tri a 28	0
<i>Triticum aestivum</i>	Plants, Grasses, Wheat	Seed	M	Gladin; omega-Gladin; gamma-Gladin	Tri a Gladin	0
<i>Trichophyton mentagrophytes</i>	Fungi, Molds, Trichophyton	Whole Body	E	///	Tri me	0
<i>Triticum polonicum</i>	Plants, Grasses, Polish Wheat, Kamut, Khorasan Wheat	Seed	E	///	Tri tp	0
<i>Uroteuthis duvauceli</i>	Animals, Mollusks, Indian Squid, Calamari	Muscle	E	///	Uro du	0
<i>Uroteuthis duvauceli</i>	Animals, Mollusks, Indian Squid, Calamari	Muscle	M	Tropomyosin	Uro du 1	0
<i>Venus gallina</i>	Animals, Mollusks, Clam	Muscle	E	///	Ven ga	0
<i>Venus gallina</i>	Animals, Mollusks, Clam	Muscle	M	Tropomyosin	Ven ga 1	0
<i>Vespa spp</i>	Animals, Insects, Wasp, Hymenoptera	Venom	E	///	Ves spp	0
<i>Vitis vinifera</i>	Plants, Grape	Fruit	E	///	Vit v [Fruit]	0
<i>Zea mays</i>	Plants, Grasses, Corn, Maize	Seed	E	///	Zea m [Seed]	0
<i>Zea mays</i>	Plants, Grasses, Corn, Maize	Seed	M	(Preparation of the laboratory - IBBR-CNR, Italy) LTP; 9k-LTP	Zea m 14	0

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Comments

A specific IgE sensitization has been detected to some allergenic molecule or extract preparations, as indicated above. The negativity of the remaining IgE allergenic preparations must still be subject to evaluation by the referring doctor.

Arginine Esterase: Specific allergen marker of allergy to the dog; Inhalation can cause symptoms such as rhinitis and asthma, even severe.

Bet v 1-like: Specific allergen markers present in the pollen of the Fagales (birch, hazel, alder, oak) and in many plant foods (apple, peach, celery, carrot, hazelnut, soy, kiwi); the pollen allergens can cause symptoms by inhalation as rhinitis, conjunctivitis, asthma in pre-spring and springtime; food allergens can cause local symptoms (itching of the oral cavity), but, rarely, even generalized severe ones, by ingestion of one or more foods with high allergen concentrations.

Bet v [Pollen]: The positive test for birch, evaluated using a protein extract (mixture), it must be interpreted in relation to its allergenic molecules and to the similar ones contained in related extracts.

A positive result for this extract can also be due to a known allergenic protein not yet available in the tests or not identified yet.

Can f [Epithelium]: The positive test for dog dander, evaluated using a protein extract (mixture), it must be interpreted in relation to its allergenic molecules and to the similar ones contained in related extracts.

A positive result for this extract can also be due to a known allergenic protein not yet available in the tests or not identified yet.

CCD-bearing Protein (XF): Marker of reactivity to carbohydrates of plant and insects glycoproteins. When positive is associated with the positivity of glycoprotein allergens. It has great relevance in the interpretation of diagnostic tests, but has virtually no clinical impact, unless an IgE reactivity to the protein is associated. A positive result for this marker can generate positive results to allergen extracts derived from plants and insects.

Cor a [Pollen]: The positive test for hazel pollen, evaluated using a protein extract (mixture), it must be interpreted in relation to its allergenic molecules and to the similar ones contained in related extracts.

A positive result for this extract can also be due to a known allergenic protein not yet available in the tests or not identified yet.

Cupressaceae, Group 1: Specific allergen markers of allergy to pollen of Cupressaceae; Inhalation can cause symptoms such as rhinitis, conjunctivitis, rarely asthma, in the winter and early springtime. Some species have their pollinating time in fall.

Cysteine Protease: Group of allergens in mainly present in dust mites and fungi (mold); the positivity for one of these allergens may be associated with that of the other molecules of the same group, but there is much variability of the IgE response between different subjects; it causes symptoms by inhalation as rhinitis and asthma, often severe.

Expansin: Group of allergens in the pollen of many plant species; Inhalation can cause symptoms such as rhinitis, conjunctivitis, asthma.

Fagales, Group 1: Specific allergen markers present in the pollen of the Fagales (birch, hazel, alder, oak). These allergens can cause symptoms by inhalation as rhinitis, conjunctivitis, asthma in pre-spring and springtime.

Fagales-related, Group 1: Specific allergens present in many plant foods (apple, peach, celery, carrot, hazelnut, soy, kiwi) related to those present in pollen of Fagales (birch, hazel, oak). These food allergens can cause local symptoms (itching of the oral cavity), but, rarely, even generalized and severe ones, by ingestion of one or more foods with high allergen concentrations.

Grasses, Group 1: Specific allergen markers of allergy to grass pollen; Inhalation can cause symptoms such as rhinitis, conjunctivitis, asthma in the springtime. Symptoms may be more severe if allergic to other specific markers of the same pollen.

Grasses, Group 5: Specific allergen markers of allergy to grass pollen; Inhalation can cause symptoms such as rhinitis, conjunctivitis, asthma in the springtime. Symptoms may be more severe if allergic to other specific markers of the same pollen.

Lol p [Pollen]: The positive test for rye grass, evaluated using a protein extract (mixture), it must be interpreted in relation to its allergenic molecules and to the similar ones contained in related extracts.

A positive result for this extract can also be due to a known allergenic protein not yet available in the tests or not identified yet.

Mal d [Fruit]: The positive test for apple, evaluated using a protein extract (mixture), it must be interpreted in relation to its allergenic molecules and to the similar ones contained in related extracts.

A positive result for this extract can also be due to a known allergenic protein not yet available in the tests or not identified yet.

Mites, Group 1: Specific allergen marker of allergy to house dust mites; Inhalation can cause symptoms such as rhinitis or asthma, even severe, potentially throughout the year. Symptoms may be more severe if you are allergic to other specific markers of the mites.

Mites, Group 2: Specific allergen marker of allergy to house dust mites; Inhalation can cause symptoms such as rhinitis or asthma, potentially throughout the year. Symptoms may be more severe if you are allergic to other specific markers of the mites.

This protein is heat resistant and may be involved in the reactions due to ingestion of mite contaminated flour.

Mites, Group 23: Specific allergen marker of allergy to house dust mites; Inhalation can cause symptoms such as rhinitis or asthma, potentially throughout

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the year. Symptoms can be more severe if allergic to other specific markers of the mites.

Ole e 1-like: Allergen marker of allergy to olive pollen, present in other Oleaceae (ash, privet) and pollen of other families, although the binding with specific IgE varies greatly among allergy subjects; it is present only in pollen and can cause symptoms such as rhinitis and asthma by inhalation, often severe depending on the level of exposure.

Ole e [Pollen]: The positive test for olive pollen, evaluated using a protein extract (mixture), it must be interpreted in relation to its allergenic molecules and to the similar ones contained in related extracts.

A positive result for this extract can also be due to a known allergenic protein not yet available in the tests or not identified yet.

Oleaceae, Group 1: Allergen marker of allergy to olive pollen, present in other Oleaceae (ash, privet); it is present only in pollen and can cause symptoms such as rhinitis and asthma by inhalation, often severe depending on the level of exposure.

Pectate Lyase: Group of proteins with wide distribution in different allergenic sources, mainly in pollen. IgE positivity is however often restricted to molecules of species belonging to the same family (e.g. Cupressaceae or Asteraceae). They cause symptoms by inhalation as rhinitis and conjunctivitis. Some pollen having this allergen cause asthma, often severe.

Phl p: The positive test for timothy grass, evaluated using a protein extract (mixture), it must be interpreted in relation to its allergenic molecules and to the similar ones contained in related extracts.

A positive result for this extract can also be due to a known allergenic protein not yet available in the tests or not identified yet.

Que a [Pollen]: The positive test for oak pollen, evaluated using a protein extract (mixture), it must be interpreted in relation to its allergenic molecules and to the similar ones contained in related extracts.

A positive result for this extract can also be due to a known allergenic protein not yet available in the tests or not identified yet.

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The information and comments are reported as an aid in the interpretation of the test and do not constitute and replace in any way a final clinical diagnosis. For a more complete diagnostic evaluation and the following therapy you should contact your reference doctor.

The latest update of the comments was made on October 31, 2016. Comments are generated and updated constantly by CAAM molecular allergists (www.caam-allergy.com) based on the analysis of their data obtained with the tests and those reported in the scientific literature.

The updating date of the information from www.allergome.org is shown in the website's home page.

In case of positive tests there are active links to both 'Allergen' or 'Molecule Name'. These links are used only by the electronic copy in pdf. The links search the database Allergome and they are only intended to provide additional information on the allergen or group of allergens. This information must always be evaluated with the referring physician.

For a copy of the report in pdf format you may contact caam.laboratorio@caam-allergy.com entering your personal identification code.

The test report which you received is available in Chinese, Croatian, English, French, German, Italian, Polish, Portuguese, Romanian, and Spanish. The comment translation is currently available in the Chinese, Croatian, English, French, German, Italian, Polish, Romanian, and Spanish versions of the report.

CAAM Digital Reporting System (CDRS): after your registration in the CAAM web site Reserved Area you may access this test and visualize its results in a dynamic way, with comments always up-to-date. Please visit <https://www.caam-allergy.com/en/cdrs> and try the DEMO version of the CDRS. Afterwards you may register to the CDRS and visualize your test. The CDRS is available in Chinese, Croatian, English, French, German, Italian, Polish, Romanian, and Spanish.

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