

Agents de haut poids moléculaire (protéines)

Agent	Profession	Références	Sujets (n)	Prévalence	Test cutané	IgE spécifiques	Autres tests immunologiques	Test de provocation spécifique	Autre évidence
<u>Antigènes dérivés des animaux</u>									
Animaux de laboratoire	Techniciens	(1)	296	13%	17% +	34% de 255 +	NF	NF	
Squames de vache	Agriculteurs	(2)	5	NE	100% +	100% +	Précipitines négatives	100% +	
Poussière d'os de vache	Boucher	(3)	49	NE	100%	NF	Immunobuvardage	NF	
Squames de singe	Technicien	(4)	1	NE	+	+	Immunobuvardage	+	
Squames de cerf	Technicien	(5)	2	NE	2 +	2 +	NF	NF	
Urine de vison	Fermier	(6)	1	NE	+	NF	NF	+	
Poulet	Fermier	(7)	1	NE	+	-	NF	+	
	Travailleurs de basse-cour	(8)	16	NE	79% +	79% +	NF	1/1 +	
	Travailleurs de basse-cour	(9)	4	NE	+ to feathers	NF	NF	+	
Squames de peau de chèvre	Bouchers, vétérinaires	(10)	3	NE	+	+	Immunobuvardage, sensibilisation croisée à l'épithélium de vache	+	
Fromage de chèvre (petit lait de chèvre)	Production de fromage	(11)	1	NE	+	NF	Immunobuvardage	+	
Cochon	Boucher	(12)	1	NE	NF	+	NF	NF	Débit de pointe
Intestin de porc (vapeur provenant du trempage)	Producteur de porcs	(13)	1	NE	+	+	Immunobuvardage	+	(eau de trempage)
Grenouille	Chasseur de grenouilles	(14)	1	NE	+	+	Précipitines négatives	NF	
Lactosérum	Industrie laitière	(15)	1	NE	+	NF	Dégranulation de basophiles + SDS-PAGE	+	
Boeuf cru	Cuisinier	(16)	1	NE	+	NF	NF	+	
Sérum de bovin (albumin)	Technicien	(17)	1	NE	+	NF	NF	+	
Lactalbumine	Boulangerie et laiterie	(18)	2	NE	+	+	NF	+	
Caséine (lait de vache)	Tanneur	(19)	1	NE	NF	+	NF	+	
Protéine d'oeuf	Producteur d'oeufs	(20)	188	7%	34% +	29% +	NF	NF	Débit de pointe (7% +)
Glande endocrine	Pharmacien	(21)	1	NE	+	NF	NF	+	
Chauve-souris	Variés	(22)	7	NE	+	+	Inhibition de RAST	NF	

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Poudre d'ivoire	Travailleur de l'ivoire	(23)	1	NE	Négatif	NF	NF	+	VEMS au travail
Poudre de nacre	Boutons de nacre	(24)	1	NE	+	NF	Précipitines négatives	+	
Séricine	Coiffeur	(25)	2	NE	1/1 +	NF	NF	NF	
Oiseaux	Gardiens de zoo	(26)	200	13.6% (de 147 +)	8% (de 147)	72%	NF	NF	
Pingouin d'Afrique	Behavioriste d'animal	(27)	1	NE	NF	NF	Immunobuvardage	NF	Débit de pointe
Gelée royale	Techniciens en pharmacie	(28)	2	NE	+	+	Immunobuvardage	+(1)	Débit de pointe
Anémone de mer (<i>Actinia equina</i>)	Pêcheur et travailleuse dans usine de transformation de produits de la mer	(29)	2	NE	+	+	Immunobuvardage	+	Amélioration hors travail
<u>Crustacés, fruits de mer, poissons</u>									
Crabe-des-neiges	Transformation du crabe-des-neiges	(30)	303	16%	22% +	NF	NF	72 % de 46 +	Débit de pointe, CP20
Crevette	Transformation de crevettes	(31)	50	36%	26% +	16% +	NF	2/2 +	
Hoya (Ascidie)	Ferme d'huîtres	(32)	1413	29%	82% de 511 avec asthme +	89% de ~ 180 avec asthme +	NF	NF	
Palourde et crevette	Industrie alimentaire	(33)	2	4%	+	+	Inhibition de RAST	+	CP20
Homard et crevette	Poissonnerie	(34)	1	NE	+	+	NF	+	
Crevette gammare	Usine de transformation de poisson	(35)	1	NE	+	+	SDS-PAGE	+	CP20
Pétoncle et crevette	Restaurant de fruits de mer	(36)	1	NE	+	+	SDS-PAGE	+	Débit de pointe
Petite crevette gammare	Technicien aliments pour animaux	(37)	1	NE	+	+	+(IgE spécifiques à protéine Pen m 4)	+	
Coquille St-Jacques (<i>Pecten maximus</i>) et	Usine de transformation de	(38)	1	NA	ND	+	SDS-PAGE	ND	Débit de pointe

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Vanneau ou Pétoncle blanc (<i>Chlamys opercularis</i>)	fruits de mer									
Seiche	Pêcheur en haute mer	(39)	66	Incidence de 1% par an	NF	NF	NF	NF		
Os de seiche	Polisseur de bijoux	(40)	1	NE	+	NF	NF	+		
Saumon	Transformation	(41)	291	24 (8%)	NF	25 (9%)	IgG spécifiques (33%)	NF	Débit de pointe	
Truite	Transformation	(42)	5	NE	NF	100% Négatif	100% +	NF		
Turbot	Pisciculture	(43)	3	NE	+ (3)	NF	SDS-PAGE	NF	Débit de pointe	
Colin d'Alaska, limande à nageoires jaunes	Travailleurs de bateaux usines	(44)	7	NE	+	NF	NF	+		
Aliments de crevettes (<i>Artemia salina</i>)	Travailleur de restaurant	(45)	1	NE	+	NF	NF	+		
	Technicien	(46)	24	3 (12.5%)	+	+	Immunobuvardage	NF	NF	
Corail mou	Pêcheurs	(47)	74	9	2/2+	NF	NF	NF		
Éponge marine	Technicien	(48)	1	NE	+	NF	Précipitines	NF	Crise d'asthme au travail	
Cartilage de requin	Produit diététique	(49)	1	NE	+	NF	Immunobuvardage	+		
Pieuvre	Conserverie	(50)	1	NE	+	+	SDS-PAGE; immunobuvardage	+		
Poissons variés	Poissonnerie	(51)	2	NE	+	+	NF	+	Débit de pointe	
Calmar (<i>Loligo vulgaris</i>)	Production de fruits de mer	(52)	1	NE	+	NF	NF	+	Eosinophilie (larme, nasal, expectoration)	
Poudre de carapaces de crevette	Usine de transformation	(53)	1	NE	NF	-	Augmentation des IgG spécifiques	+	Possibilité d'alvéolite associée	
<u>Arthropodes</u>										
Parasites des grains: Punaise (<i>Eurygaster</i>) et Pyrale (<i>Ephestia</i>)	Agriculteurs	(54)	15	NE	+	+	Inhibition de RAST	+		
Sauterelle	Techniciens	(55)	118	26%	32% de 113	+	Fait	IgG spécifiques	NF	VEMS diminué
		(56)	15	60%	77% de 11	+	53%	Inhibition de RAST	NF	
Lucilie bouchère (<i>Cochliomya homnivorax</i>)	Équipage	(57)	182	25%	91% de 11	+	NF	NF	NF	
Porte-bois (<i>Phryganeia</i>)	Ingénieur dans centrale hydroélectrique	(58)	1	NE	+	NF	NF	+		
Grillon	Techniciens	(59)	2	NE	+	+	Transfert passif	+		

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Larve de la fausse-teigne de la cire (Galleria mellonella)	Éleveur d'appât Producteur	(60) (61)	14 76	NE 4 %	+ 32 %	+ 19 %	RAST inhibition NF	+ NF	Débit de pointe
Papillon Charançon de la fève mexicaine (Zabrotes subfaciatius Boh.)	d'appât pour poissons Entomologistes	(62)	2	NE	+	NF	NF	NF	
Mouche de fruits de la Méditerranée (Ceratitis capitata)	Entreposage de grains Techniciens	(63) (64)	2 22	NE 32%	+	27% +	Inhibition de RAST	21 % de 14 +	
Mouche de fruits de la Méditerranée (Ceratitis capitata)	Producteurs de mouches	(65)	2	NE	+ chez 2	+ chez 2	Immunobuvardage	+ chez 2	Débit de pointe
Abeille	Travailleur du miel	(66)	1	NE	+	+	NF	+	
Larve de la mouche verte (Lucilla caesar)	Pêcheurs à la ligne	(67)	14	NE	13/14	13/14	Inhibition de RAST	7/7 +	
Petit ténébrion mat (Alphitobius diaperinus Panzer)	Entomologistes	(68)	3	NE	Négatif	100% de 3 +	Inhibition de RAST	NF	
Larve de ténébrion meunier (Tenibrio molitor)	Manipulation d'appâts	(69)	5	NE	4/5	2/5	Inhibition de RAST	2/2	
Bruche de la lentille (Bruchus lentis)	Agronome	(70)	1	NE	+	+	Immunobuvardage	+	
Daphnie	Magasin de nourriture de poissons	(71)	2	NE	+	+	NF	2/2 +	
Lucilie (Lucilia cuprina)	Techniciens	(72)	53	24	NF	67 % de 15 +	NF	NF	
Sauterelle	Techniciens	(73)	16	4 (25%)	7 (44%)	NF	NF	+ chez un	
Criquet migrateur (Locusta migratoria)	Techniciens	(74)	3	NE	+	+	SDS-PAGE	NF	
Mouche d'égoût (Psychoda alternata)	Vidangeur	(75)	1	NE	+	+	Libération d'histamine; PK	+	
Larve de Chiromome (Chironomus thummi)	Nourriture de poissons	(76)	225	45%	80%	34%	NF	NF	
Mailloche (Coléoptère)	Conservateur	(77)	1	NE	+	NF	Transfert passif	NF	
Coléoptère dermestre (Dermestidae spp)	Travailleur de la laine	(78)	1	NE	+	+	SDS-PAGE	+	
Tribolium brun de la farine (Tribolium confusum)	Mécanicien dans une usine de seigle	(79)	1	NE	+	+	NF	NF	

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<i>Liposcelis decolor</i>	Menuisier (travail près de grains)	(80)	1	NE	+	+	SDS-Page	NF	Amélioration des symptômes hors travail
Ver à soie	Travailleurs du ver à soie	(81)	53	34%	NF	NF	NF	NF	
Ver du hareng (<i>Anisakis simplex</i>)	Éleveur de volailles et marchand de poissons	(82)	2	NE	+	+	Immunobuvardage	+	
	Transformation du poisson	(83)	578	1%	6%	NF	NF	NF	
Larve de ver à soie	Sériculture	(84)	5519	0.2	100%	de 9 (?) +1 / 1 (?) +	PK	100%	de 9 +
Larve d' <i>Echinodorus</i> (<i>Echinodorus plasmorus</i>)	Aquarium	(85)	1	NE	+	+	NF	+	
Arthropodes (<i>Chrysoperia carnea</i> , <i>Leptinotarsa decemlineata</i> , <i>Ostrinia nubilalis</i> et <i>Ephestia kuehniella</i>)	Techniciens	(86)	3	23%	NF	+	NF	NF	
Hémiptère légéidés (<i>Hemiptera lygaeidae</i>)	Embouteillage	(87)	1	NE	+	+	NF	NF	Débit de pointe
Nématode (<i>Steinernema feltiae</i>)	Technicien	(88)	1	NE	+	+	NF	+	
<u>Acariens</u>									
Acarien du grain	Fermiers	(89)	290	12%	21% +	19% de 219 +	NF	NF	
	Entreposage de grains	(90)	133	33%	25% +	23% de 128 +	NF	1/1 +	21% de 116 avec CP20 +
Acarien et parasite	Manipulation de farine	(91)	12	NE	NF	+	NF	NF	
<i>Amblyseius cucumeris</i>	Horticulteurs	(92)	472	25.7%	23%	Fait chez certains	NF	NF	Test de provocation nasal
Acarien de volaille	Travailleurs de basse-cour	(93)	13	NE	77% +	60%	NF	1/1 +	
Acarien de grange	Fermiers	(94)	38	NE	100% +	~100%	NF	NF	
Acarien rouge (<i>Panonychus ulmi</i>)	Pommiculteurs	(95)	4	NE	+	NF	Précipitines négatives	NF	

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Acarien des agrumes (Panonychus citri)	Fermes de citrins	(96)	16	NE	+	+	Inhibition de RAST	+ (un)	
Tétranyque de McDaniel (Tetranychus macdanieli)	Viniculteurs	(97)	35	4/35 (11%)	100%	NF	NF	NF	
Acarien jaune (Tetranychus urticae)	Fermiers	(98)	16	16/46 (35%)	100%	100%	NF	NF	
Insectes variés utilisés dans le contrôle biologique des insectes nuisibles	Travailleurs de serres	(99)	2	NE	+	+	NF	+	
<u>Moisissures</u>									
Dictyostelium discoideum	Technicien	(100)	1	NE	+	+	NF	+ au travail	
Aspergillus niger	Techniciens	(101)	3	1%	3 +	NF	NF	NF	
Aspergillus oryzae	Travail dans un Sake	(102)	1	NE	?	+	Précipitines négatives	+	Débit de pointe
Aspergillus(non spécifié)	Cannes à sucre	(103)	1	1%	+	+	NF	NF	
	Boulangier	(104)	1	NE	+	NF	Précipitines négatives	+	
Alternaria	Boulangier	(104)	1	NE	+	NF	Précipitines négatives	+	
Trichoderma koningii	Scierie	(105)	1	NE	NF	NF	Precipitines positives IgG spécifiques	NF	Débit de pointe
Plasmopara viticola	Agriculteur	(106)	1	NE	+	+	Variés	+	
Neurospora	Bois pressé	(107)	1	NE	+	+	NF	+	
Chrysonilia sitophila	Exploitation du bois	(108)	1	NE	+	+	NF	NF	Débit de pointe
	Industrie du café	(109)	1	NE	+	+	NF	+	
Rhizopus nigricans	Mineur de charbon	(110)	1	NE	+	+	NF	+	
Fumagine (Ascomycetes, deuteromycetes)	Ouvrier agricole	(111)	1	NE	+	NF	NF	NF	
Penicillium NElgiovenssis	Charcuterie	(112)	1	NE	+	NF	Précipitines +	NF	

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Mucor non spécifié (contaminant des fibres d'esparto)	Fabrication de stucco	(113)	1	NE	+	NF	NF	+		
<u>Champignons</u>										
Champignon (non spécifié)	Fabrication de soupe	(114)	8	NE	+	NF	NF	50 % de 8 +		
Pleurote corne d'abondance (Pleurotus cornucopiae)	Production de champignon	(115)	1	NE	NF	+	Immunobuvar dage	NF	Débit de pointe	
Cèpe de Bordeaux (Boletus edulis)	Employé de bureau cuisinier, hôtelier	(116)	3	NE	+	+	NF	2+		
Champignon de couche ou champignon de Paris (Agaricus bisporus)	Agriculture	(117)	2	NE	+	+	SDS PAGE	NF	CP20	
Spores de pleurote en forme d'huître ou de la carie blanche spongieuse (Pleurotus ostreatus)	Vendeur	(118)	1	NE	+	+	Immunobuvar dage	+		
Pois de senteur (Lathyrus odoratus)	Serre	(119)	1	NE	+	+	NF	NF	Débit de pointe	
Levure de boulanger (Saccharomyces cerevisiae)	Boulangier	(120)	1	NE	+	+	NF	+	Débit de pointe	
Lentin du chêne ou Shiitaké (lentinus edodes)	Paqueteur de champignons séchés	(121)	1	NE	+	NF	Immunobuvar dage	NF	Amélioration de la spirométrie hors travail	
Variés	Ferme de Champignons	(122)	1	NE	+	NF	Immunobuvar dage	NF	Débit de pointe	
<u>Algues</u>										
Chlorelle	Pharmacien	(123)	1	NE	+	NF	NF	+	Débit de pointe	
Algue (espèce non spécifiée)	Thalasso thérapeute	(124)	1	NE	NF	NF	NF	NF	+	

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<u>Farines</u>									
Farines de blé, seigle et soja	Boulangers Meuniers	(125)	279	35%	9% + (céréales)	NF	NF	NF	VEMS, CP20
		(126)	7	100%	100% +	100% +	100% Négatif	57% +	
		(127)	9	100%	NF	100% +	Immunobuvardage, etc.	NF	
Protéine de blé hydrolysé	Coiffeurs	(128)	2	NE	+ (hydroxypropylfarines et de laudimonium)gliadine	Négatif avec	NF	+ (1)Test de provocation nasal + chez un sujet	
Farine de Gesse cultivée (Lathyrus sativus)	Manipulation de farine	(129)	1	NE	+	NF	+ Précipitines	+	
Farine de sarazin	Boulangers	(130)	3	NE	100% +	NF	NF	NF	
		(131)	1	NE	+	+	Immunobuvardage		
Farine de konjac	Manipulation	(132)	1	NE	+	+	Inhibition de RAST	+	
Farine de lupin blanc (Lupinus albus)	Industrie alimentaire	(133)	1	~ 2%	+	+	NF	+	
Farine d'oeillet d'Inde (Tagetes erecta)	Alimentation animale	(134)	1	NE	+	+	Immunobuvardage	NF	Test de provocation nasal +
Farine de grains de quinoa	Moulin	(135)	1	NE	+	NF	NF	NF	FeNO élevé
Farine de maïs	Magasin d'alimentation animale	(136)	1	NE	NF	+	NF		
<u>Pollens</u>									
Piment doux	Travailleurs de serre	(92)	472	13.3%	35.4%	18.6%	NF	NF	
Brassica oleacea (chou-fleur et broccoli)	Production de légumes	(137)	54	38%	39%	58%	NF	NF	
		(138)	1	NE	+	+	Inhibition de RAST	+	
Tournesol (Helianthus spp)	Technicien	(139)	102	16.6%	23.5%	NF	NF	NF	
Tournesol ou Hélianthe annuelle (Helianthus annuus)	Transformation								
Dattier des Canaries (Phoenix canariensis)	Jardinier	(140)	1	NE	+	+	NF	+	
Moutarde blanche (Sinapis alba)	Cultivateur d'olives	(141)	11	NE	+	+	NF	NF	Test de provocation nasal
Cyclamen	Fleuristes	(142)	2	NE	+ (pollens)	+	NF	NF	
Aubergine (Solanum melongena)	Serre	(143)	1	NE	+	NF	NF	+ conjuncti-val	Débit de pointe

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Chrysanthème (chrysanthemum spp)	Serre	(144)	104	9%	20.2%	+ chez certains	NF	NF	
Clochettes d'Irlande (Molucella laevis)	Producteur	(145)	1	NE	+	+	NF	+	Débit de pointe
Rose Arabette des dames (Arabidopsis thaliana)	Culture des roses	(146)	290	6.2%	NF	19.5%	Immunobuvardage	NF	
	Étudiant	(147)	1	NE	+	NF	NF	+	Débit de pointe
<u>Plantes</u>									
Poussière de grain	Élévateurs à grains	(148)	610	~40%	9% +	NF	Précipitines négatives	NF	Spirométrie avant-après quart VEMS, volumes
	Élévateurs à grains	(149)	502	47%	~ 50%	NF	NF	NF	
		(150)	22		de 51 exposés +				
	Boulangier	(120)	1	NE	0% +	NF	Précipitines négatives	27%+	50% CP 20 +
Triticale (céréale hybride de seigle et de blé)	Fermier	(152)	1	NE	+	+	NF	+	Débit de pointe Spirométrie (travail et congé)
Riz	Meunerie	(153)	3	NE	+	+	Inhibition de RAST	+	
Vesce (Vicia sativa)	Fermier	(154)	1	NE	+	+	Précipitines +, transfert passif	+	
Fève de café	Industrie alimentaire	(155)	372	34%	24% +	12% +	NF	NF	Fonction respiratoire
	Manutention	(156)	45	9%	9-40% +	NF	NF	NF	Spirométrie
	Torréfaction	(157)	22	NE	82% +	50% +	NF	67% de 12 +	CP20 + chez 14
Graine de ricin	Production d'huile	(158)	14	NE	100% +	100% +	NF	NF	
Haricot d'Espagne (Phaseolus multiflorus)	Cuisinier	(159)	1	NE	+	+	Libération d'histamine	+	
Graine de caroube	Industrie alimentaire	(160)	1	NE	-	+	NF	+	
Haricot de Lima (Phaseolus lunatus)	Industrie alimentaire	(161)	1	NE	+	NF	Activation de basophile +	+	
Fève de soja (Glycine maxima)	Transformation de fèves de soja	(162)	144	20.8%	NF	NF	NF	NF	
Poussière de coquille d'amande	Décortiqueuse	(163)	1	NE	-	-	NF	+	

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Poussières de thé (Camella sinensis contenant de l'épigallocatechine)	Transformation du thé	(164)	3	NE	+	+	PCA + à la catéchine	+	
Tisane	Fabrication de tisane	(165)	1	NE	NF	Négatif	NF	+	
Tabac	Fabrication de tabac	(166)	1	NE	+	+	NF	+	
Wonji (Polygala tenuifolia)	Fabrication d'herbes médicinales	(167)	16	69%	NF	NF	NF	NF	Débit de pointe
		(168)	1	NE	+	+	SDS-PAGE	+	
Queue de chat (Acalypha wikesiana)	Jardinier	(169)	1	NE	+	Négatif	Immunobuvardage	+	
Houblon	Brasseur de bière	(170)	1	NE	+	NF	NF	NF	
Soupir de bébé (Gypsophila paniculata)	Fleuriste	(171)	1	NE	+	+	Libération d'histamine	+	
Freesia (Freesia hybride)									
et paprika (Capricum anuum)	Horticulture	(172)	2	NE	+	+	Libération d'histamine	NF	
Fleurs (variées)	Industrie horticole	(173)	40	7.7%	+	NF	NF	3 sujets +	
					(21%, fleurs)				
Amaryllis (Hippeastrum spp)	Serre	(174)	1	NE	+	+	NF	+	Débit de pointe
Camomille (non spécifié)	Cosméticien	(175)	1	NE	+	NF	NF	Provocation nasale +	
								+	
Lis de Pâques (Lilium longiflorum)	Emballleur de thé Fleuriste	(176)	1	NE	+	+	NF	+	
		(177)	1	NF	+	+	Inhibition de RAST	+	Débit de pointe
Statice de tartarie (Limonium tataricum)	Fleuriste	(178)	1	NE	+	+	NF	NF	Débit de pointe
Statice sinué (Limonium sinuatum)	Propriétaire de serre	(179)	1	NE	+	+	Immunobuvardage	+	
Fleur décorative Safran carthame (Carthamus tinctorius)	Fleuriste	(180)	4	NE	+ 2/4	+ 2/4	NF	+ 3/4	
et Achillée millefeuille (Achilea milefolium)	Fleuriste	(181)	1	NE	+	+	Immunobuvardage	+	
Sparthyphyllum	Fleuriste	(182)	1	NE	+	+	Immunobuvardage	Négatif (fait après 8 mois)	

Agent	Profession	Références	Sujets (n)	Prévalence	Test cutané	IgE spécifiques	Autres tests immunologiques	Test de provo-cation spécifique	Autre évidence
Pêche	Travailleur d'usine	(183)	1	NE	+	+	NF	+	
Feuille de pêcher	Maraîcher	(184)	1	NE	+	+	Immunobuvardage	+	
Pollen de pêcher (Pru p 9)	Travailleurs de vergers de pêcheurs	(185)	21	NE	100% + pollen pêcher et 43% + (Pru p 9)	43% + (Pru p 9)	Immunobuvardage		Symptômes d'asthme (29%) et symptômes de rhinite (100%)
Noix à savon (contenant huile de fruits avec saponine) (<i>Sapindus trifoliatus</i>)	Travailleur compagnie chimique	(186)	1	NE	+	-	+ Immunobuvardage	+	Changements VEMS et FeNO au travail
Lierre (<i>Hedera helix</i>)	Fleuriste	(187)	1	NE	-	NF	NF	+	Débit de pointe
Jasmin de Madagascar (<i>Stephanotis floribunda</i>)	Serre	(188)	4	50%	+	+	NF	+ chez un	Débit de pointe
Herbe	Exposition aux herbes	(189)	1	NE	+	+	Identification de 3 fractions de protéines	+	
Magnolia parasol (<i>Schefflera</i>)	Jardinier	(190)	1	NE	+	+	NF	NF	
Passiflore (<i>Passiflora alata</i>)	Pharmacie	(191)	1	NE	+	+	Immunobuvardage	+	
et Cascara sagrata (<i>Rhamnus purshiana</i>)									
Racine de salsepareille	Plantes médicinales	(192)	1	NE	+	+	NF	+	
Tourteau d'olive	Fabrication d'huile	(193)	1	NE	+	NF	NF	+	
Ginseng du Brésil (<i>Pfaffia paniculata</i>)	Production de plantes médicinales	(194)	1	NE	+	+	Précipitines négatives	+	
Sanyak (<i>Dioscorea Batatas</i>) et Ginseng de la Corée (<i>Panax ginseng</i>)	Marchand d'herbes	(195)	1	NE	+	+	Immunobuvardage	+	
Poussière de graine de Voacanga Africana	Épouse d'un chimiste	(196)	1	NE	+	+	Précipitines négatives	+	
Fibre de Tampico provenant d'un agave	Brosserie	(197)	2	NE	+	NF	Immunobuvardage	+	
Oignon	Cuisine maison	(198)	3	NE	+	+	NF	+	
Graines d'oignon (<i>Allium cepa</i> , oignon rouge)	Ensachage de graines	(199)	1	NE	+	+	Immunobuvardage	+	
Graine de fenouil	Fabrication de saucisses	(200)	1	NE	NF	+	Immunobuvardage	NF	

Agent	Profession	Références	Sujets (n)	Prévalence	Test cutané	IgE spécifiques	Autres tests immunologiques	Test de provo-cation spécifique	Autre évidence
Graine de sésame	Boulangier	(201)	1	NE	+	+	Immunobuvardage	+	
Huile de tourteaux de grains de lin	Chimiste	(202)	1	NE	+	+	NF	+	
Jus de graminées	Jardinier	(203)	1	NE	+	+	Immunobuvardage	+	
Pomme de terre	Ménagères	(204)	2	NE	+	+	Libération d'histamine	+	
Tomate et concombre	Travailleurs de serres	(205)	14	NE	+	+		+	Débit de pointe
Agrumes, manipulation de (d,l –limonène, citronellol et dichloroprène	Ouvrier	(206)	1	NE	-	+	NF	NF	
Carotte (<i>Daucus carota</i> L.)	Cuisinier	(207)	1	NE	+	+	SDS-PAGE	+	
Asperge	Industrie alimentaire	(208)	1	NE	+	+	Immunobuvardage	+	
Courgette	Entrepôt de fruits	(209)	1	NE	+	+	NF	NF	
Chou-fleur et chou	Restaurant	(210)	1	NE	+	+	NF	+	
Laitue	Fermiers	(211)	13	1.4%	+ 62%	+ 46%	Immunobuvardage	NF	
Poudre d'épinard	Usine de pâte	(212)	1	NE	+	+	Activation lymphocytaire	+ éosinophiles dans LBA	
Céleri-rave	Industrie produisant des légumes	(213)	1	NE	+	+		anaphylaxie en mangeant du céleri	
Bette (<i>Beta vulgaris</i> L. <i>cycla</i>)	Ménagère	(214)	1	NE	+	+	Libération d'histamine	+	
Acacie à grandes gousses (<i>Entada</i> ou <i>mimosa gigas</i>)	Décorateur	(215)	1	NE	+	NF	NF	NF	
Poussières de graines de Sacha Inchi (<i>Plukenetia volubis</i>)	Fabrication de cosmétiques	(216)	1	NE	+	NF	SDS-PAGE	+	
Chicorée	Vendeur de légumes	(217)	1	NE	+	+	Immunobuvardage	NF	
Fruit d'églantier ou de rosier	Industrie pharmaceutique	(218)	9	NE	67% +	67% +	NF	50% de 4 +	
Poussière d'ail	Emballage d'aliments	(219)	1	NE	+	+	NF	+	
	Emballage d'aliments	(220)	1	NE	+	+	Inhibition de RAST	+	
Racine de réglisse (<i>Glycyrrhiza</i> spp)	Herboriste	(221)	1	NE	+	+	NF	+	
Alfa (<i>Stipa tenacissima</i>) et sparte (<i>Lygeum spartum</i>) stucco	Poseur de	(222)	1	NE	+	+	Immunobuvardage	NF	Débit de pointe

Agent	Profession	Références	Sujets (n)	Prévalence	Test cutané	IgE spécifiques	Autres tests immunologiques	Test de provo-cation	Autre évidence spécifique
Épices	Transformation des épices	(223)	1	NE	+	+	NF	NF	
Safran (Crocus sativus)	Transformation du safran	(224)	5	10%	6%+	26%	Immunobuvardage	+ chez un	
Herbes aromatiques	Boucher	(225)	1	NE	+	+	Inhibition de RAST NF	+ Débit de pointe	
Lycopode (poudre)	Fabrication de préservatifs	(226)	30	7%	NF	NF	NF	2/2 +	
Figuier pleureur (Ficus benjamina)	Horticulteurs	(227)	84	7%	21% +	21%	NF	100% de 6 +	CP20
Henné (non spécifié)	Coiffeurs	(228)	2	NE	+	+	NF	1/2 +	
Fenugrec	Industrie alimentaire	(229)	1	NE	+	+	NF	NF	
Graine d'anis	Industrie alimentaire	(230)	1	NE	+	+	NF	+	
Kapok	Couture	(231)	1	NE	-	-	NF	+ Fonction respiratoire	
Arganier (Argania spinosa)	Cosmétiques	(232)	3	33.3% (3/9)+	chez un	-	Immunobuvardage	+	
Arbre à miracle (graines de Moringa oleifera)	Technicien	(233)	1	NE	+	NF	+ SDS-Page	+ Débit de pointe	
Melon	Cosmétiques								
Cellulose	Agriculteur	(234)	1	NE	+	ND	Immunobuvardage	+	
	Fabrication serviettes sanitaires	(235)	1	NE	négatif	négatif	NF	+ Débit de pointe	
<u>Produits naturels dérivés des plantes</u>									
Gluten	Boulangier	(236)	1	NE	+	+	Inhibition de RAST	+	
Lécithine de soja	Boulangers	(237)	2	NE	+	+	NF	+	
Pectine	Bonbons de Noël	(238)	1	NE	+	-	IgG4 spécifiques	+	
Latex	Fabrication de gants	(239)	81	6%	11%+	NF	NF	NF	Débit de pointe
	Professionnels de la santé	(240)	7	2.5%	4.7%+	NF	NF	+	
Huile de rose	Fabrication d'huile de rose	(241)	52	NE	+	NF	NF	NF	

Agent	Profession	Références	Sujets (n)	Prévalence	Test cutané	IgE spécifiques	Autres tests immunologiques	Test de provo-cation spécifique	Autre évidence
<u>Enzymes biologiques</u>									
Bacillus subtilis	Détergent	(242)	1642	3.2% (sur 7 ans)	4.5-75%	+26% de 248 +	NF	NF	Fonction respiratoire
	Ouvriers d'usine	(243)	38	NE	66% +	NF	Transfert passif 100% de 5 +	90 %+	Fonction respiratoire
Trypsine	Fabrication de plastique, industrie pharmaceutique	(244)	14	29%	+	+	Précipitines + (non spécifiques) NF	75 % de 4 +	
Papaïne	Industrie pharmaceutique	(245)	29	45%	34% +	34% +	NF	89% de 9 +	
Pepsine	Industrie pharmaceutique	(246)	1	NE	+	+		+	
Pancéatine	Industrie pharmaceutique	(247)	14	NE	93% +	100% de 3 +	NF	100% de 8 +	Fonction respiratoire
Flaviastase	Industrie pharmaceutique	(248)	3	NE	+	+	Précipitines +	NF	
Bromeline	Industrie pharmaceutique	(249)	76	11%	25% +	NF	NF	NF	
		(250)	2	NE	+	NF	NF	2/2 +	
Lysozyme d'oeuf	Industrie pharmaceutique	(251)	1	NE	+	+	NF	+	Débit de pointe
Amylase de champignon	Boulangers	(252)	118	NE	100% de 10 +	2% exposés 34% asthme prof. +	NF	NF	
	Boulangers	(253)	1	NE	+	+	NF	+	
Phytase provenant d'Aspergillus niger	Techniciens	(254)	53	36%	NF	+	SDS-PAGE	NF	
Amyloglucosidase et hémicellulase	Boulangers	(255)	140	NE	NF	5-24%	NF	NF	
Peptidase serratial et chlorydrate de lysozyme	Industrie pharmaceutique	(256)	1	NE	NF	+	Immunobuvardage	+	
Espérase	Détergents	(257)	667	NE	NF	5%	NF	NF	
Xylanase	Techniciens	(258)	2	NE	2	2	NF	NF	Débit de pointe
Pectinase et glucanase	Transformation de fruits	(259)	3	NE	NF	Positif	Immunobuvardage	NF	Débit de pointe

Agent	Profession	Références	Sujets (n)	Prévalence	Test cutané	IgE spécifiques	Autres tests immunologiques	Test de provo-cation spécifique	Autre évidence
Lactase	Industrie pharmaceutique	(260)	207	4%	31% +	NF	NF	NF	
Empynase (pronase B)	Personnel d'hôpital	(261)	6	3.9%	20%	+	Immunobuvardage	NF	
Enzymes utilisés dans la fabrication de presssure (protéases, pepsine, chymosines)	Producteur de fromages	(262)	6	17%	40% +	NF	NF	NF	
Lallzyme EX-V (extrait de <i>Aspergillus niger</i>)	Cellier à vin	(263)	1	NE	+	ND	Immunobuvardage	+	
Protéase	Opérateur à la fabrication de capsules pour lave-vaisselle	(264)	1	NE	+	+	NF	+	FeNO
Chymosine	Fromager	(265)	1	NE	+ (présure)	+	Immunobuvardage	NF	Amélioration hors travail
<u>Gommes végétales</u>									
Acacia	Imprimeurs	(266)	63	19% de 31 (sélection)	NF	NF	NF	NF	
	Imprimeurs	(267)	10	NE	+	NF	Transfert passif (3 +)	NF	
Tragacanth	Importateur	(268)	1	NE	+	NF	NF	NF	
Karaya	Coiffeurs	(269)	9	4%	+	NF	Transfert passif	NF	
Guar	Fabrication de tapis	(270)	162	2%	5% +	8% +	NF	67 % de 3 +	CP20
Gutta percha	Hygiéniste dentaire	(271)	1	NE	+	NF	NF	NF	

Agents de faible poids moléculaire (produits chimiques)

Agent	Profession	Références	Sujets (n)	Prévalence	Test cutané	IgE spécifiques	Autres tests immunologiques	Test de provo-cation spécifique	Autre évidence
<u>Diisocyanates</u>									
Diisocyanate de toluène	Polyuréthane	(272)	112	12.5%	3% +	0% +	0% +	45% de 11+	
	Plastiques, vernis	(273)	26	NE	NF	19% +	NF	100% +	
	Plastiques, vernis	(274)	195	28%	NF	5% +	NF	70% de 17+	
	Plastiques, vernis	(275)	91	NE	NE	NF	0% +	NF	IgG spécifiques
	Plastiques, vernis	(276)	162	NE	NF	NF	NF	57% +	
Diisocyanate de diphenylméthane	Fonderie	(277)	11	NE	NF	27%+	36% + IgG spécifiques	54.5% +	
	Fonderie	(278)	76	13%	NF	3% +	7% +	NF	
	Fonderie d'acier	(279)	26	27%	4% +	4% +	15% + IgG spécifiques	NF	
Diisocyanate de 1,5 naphthylène	Caoutchouc synthétique	(280)	3	NE	NF	NF	NF	100% +	
Isophorone diisocyanate	Peintre (pistolet)	(281)	1	NE	NF	NF	NF	+	
Prépolymères de TDI	Vernissage de planchers	(282)	2	NE	NF	0% +	IgG spécifiques négatifs	+	
Prépolymères de HDI	Peintres (pistolet)	(283)	9	45%	NF	33% +	56% +	+	
<u>Combinaison de diisocyanates</u>									
TDI, MDI, HDI, PPI	Peintres (pistolet)	(284)	51	11.8%	NF	NF	NF	60% de 10+ au PPI	

Agent	Profession	Références	Sujets (n)	Prévalence	Test cutané	IgE spécifiques	Autres tests immunologiques	Test de provo-cation spécifique	Autre évidence
TDI, MDI, HDI	Industries variées	(285)	24	NE	NF	NF	NF	70% + au TDI 33% + au MDI 33% de 9+ au HDI	
	Industrie chimique	(286)	247	NE	60% de 53+ 14% +	NF	NF		
	Atelier de peinture	(287)	62	NE	NF	15% +	47% + IgG spécifiques	6%+ au TDI 16% au MDI 24% au HDI	
TDI, MDI	Industrie chimique	(288)	28	NE	NF	27% de 22+ TDI-HSA 83% de 6+ MDI-HSA	NF	100% +	
<u>Autres durcisseurs</u>									
Isocyanurate de triglycidyl Aziridine	Peintre (pistolet)	(289)	1	NE	NF	NF	NF	+	Débit de pointe
Polyfonctionnelle	Durcisseurs de peinture	(290)	7	NE	33% de 7	NF	NF	+ chez 7	
Éther de diglycidyle et de bisphénol A (BADGE)	Résine époxy	(291)	1	NE	+	+	NF	+	
		(292)	2	NE	NF	NF	NF	+	
<u>Anhydrides</u>									
Anhydride phthallique	Plastiques	(293)	1	NE	+	+	NF	+	
	Outilleur, résine	(294)	3	NE	NF	NF	NF	100% +	
	Production de résines	(295)	118	28%	18% de 11+	NF	NF		
	Production de résines	(296)	60	14%	NF	7% +	17% + IgG spécifiques	NF	
Anhydride trimellitique	Résines époxy, plastiques	(297)	4	NE	100% +	75% +	100% +	100% de 1+	
Anhydride tétrachlorophthallique	Résines époxy plastiques	(298)	5	NE	NF	NF	NF	100% +	
	Manufacture (revêtement plastique)	(299)	7	NE	100% +	100% +	NF	100% +	

Agent	Profession	Références	Sujets (n)	Prévalence	Test cutané	IgE spécifiques	Autres tests immunologiques	Test de provo-cation spécifique	Autre évidence
Dianhydride pyromellitique	Adhésifs d'époxy	(300)	7	NE	NF	NF	NF	30% +	
Anhydride de méthyl tétrahydrophthalique (MTHPA)	Agent de traitement	(301)	1	NE	+	+	IgG spécifiques négatifs	NF	Amélioration hors travail
Anhydride hexahydrophthalique (HHPA)	Travailleur industrie chimique	(302)	1	NE	NF	NF	NF	+	Débit de pointe
MTHPA + HHPA	Installation électrique	(303)	109	5.4%	NF	15.4%	NF	6/17	
Anhydride chimique	Fabrication d'ignifugeant	(304)	20	35%	NF	40% de 7+	Inhibition de RAST	NF	
Anhydride chlorendique	Mécanicien	(305)	1	NE	+	+	NF	+	Débit de pointe
Anhydride maléique	Production de résine de polyester	(306)	1	NE	NF	NF	NF	+	
Phtalate de dioctyle secondaire	Production de PVC	(307)	1	NE	NF	NF	NF	NF	Débit de pointe
<u>Amines aliphatiques (éthylèneamines)</u>									
Diéthylènediamine	Manutention de laques	(308)	7	NE	100% +	NF	NF	100% +	
	Photographie	(309)	1	NE	NF	NF	NF	+	
Acide Éthylènediaminetétraacétique(EDTA), sels sodiques	Préposés entretien Professionnels de la santé	(310)	8	NE	NF	NF	NF	+	(nasal) CP20
Isophorone diamine (IPDA)	Applicateur de recouvrement de plancher à l'époxy	(311)	1	NF	Négatif	NF	NF	+	CP20, FeNO
Hexaméthylène tétramine	Manutention de laques	(308)	7	NE	100% +	NF	NF	100% +	
Polyamine aliphatique	Usine chimique	(312)	12	4/12	NF	NF	NF	100% de 2 +	
Triéthylène tétramine	Filtre d'avion	(294)	1	NE	NF	NF	NF	+	

Agent	Profession	Références	Sujets (n)	Prévalence	Test cutané	IgE spécifiques	Autres tests immunologiques	Test de provo-cation spécifique	Autre évidence
Mélange de triméthylhexanediamine et d'isophoronediamine	Vendeur de recouvrement de planchers	(313)	1	NE	-	NF	NF	+	LBA
<u>Amines aliphatiques (éthanolamines)</u>									
Monoéthanolamine	Soins de beauté	(308)	10	100% +	NF	NF	NF	100% +	
Triéthanolamine	Travailleur du métal	(314)	2	NE	NF	NF	NF	100% de 2	
Aminoéthyléthanolamine	Soudure	(315)	3	NE	NF	NF	NF	100% +	
	Joint de câble	(316)	2	NE	NF	NF	NF	+	
Diméthyléthanolamine	Peintre (pistolet)	(317)	1	NE	-	NF	NF	+	
<u>Amines aliphatiques (autres)</u>									
3-(Diméthylamino)-propylamine (3-DMAPA)	Manufacture de ski	(318)	34	11.7%	NF	NF	NF	NF	Variation du VEMS quart de travail
<u>Amines hétérocycliques</u>									
Chlorhydrate de pipérazine	Chimiste Industrie pharmaceutique	(319)	2	NE	50%+	NF	NF	100 %	
	Industrie chimique	(320)	131	11.4%	NF	NF	NF	100% de 1+	
N-Méthylmorpholine	Industrie chimique	(321)	2	NE	50% +	100% +	NF	NF	
4,4-méthylène-bis-morpholine	Industrie chimique	(322)	48	16.6%	NF	NF	NF	NF	
	Outilleur	(323)	1	NE	+	NF	NF	+	Débit de pointe
<u>Amines aromatiques</u>									
Phénylènediamine (para-)	Séchage de fourrures	(324)	80	37.0%	66% +	NF	NF	74% +	
	Séchage de cheveux	(325)	5	NE	Négatif	NF	NF	+	

Agent	Profession	Références	Sujets (n)	Prévalence	Test cutané	IgE spécifiques	Autres tests immunologiques	Test de provo-cation spécifique	Autre évidence
<u>Ammoniums quaternaires</u>									
Plusieurs types	Nettoyeurs	(326)	22	NE	NF	NF	NF	+	changements CP20 et éosinophiles dans expectoration
Chlorure de benzylkonium	Produit nettoyant	(327)	1	NE	+	NF	NF	+	
<u>Mélange d'amines</u>									
EPO 60	Fabriquant de moules	(328)	1	NE	NF	NF	NF	+	
<u>Fondants</u>									
Colophane	Travailleurs industrie électronique	(329)	34	NE	NF	NF	NF	100%	+
	Manufacture de soudure	(330)	68 bas 14 méd 6 élevé	4% 21% 21%	NF NF NF	NF NF NF	NF NF NF	NF NF NF	
Fondant au chlorure de zinc & d'aluminium	Joint de métal	(331)	2	NE	NF	NF	NF	+	CP20
95% alcool polyether d'alkylaryl +5% polypropylène glycol	Industrie électronique	(332)	1	NE	NF	NF	NF	+	
Acide adipique	Soudeur	(333)	1	NE	NF	NF	NF	+	Débit de pointe
Résine lipophilique	Aéronautique	(334)	1	NE	NF	NF	NF	NF	Amélioration hors travail
<u>Bois et écorces</u>									
Cèdre rouge de l'Ouest (Thuja plicata)	Charpentier	(335)	35	NE	NF	NF	NF	NF	Amélioration hors travail
	Fabriquant de cabinets, menuisiers	(336)	1320	3.4%	1.9%	+	NF	NF	Amélioration hors travail
	Fabriquant de cabinets, menuisiers	(337)	22	NE	100% négative	NF	Précipitines négatives 100%	82%	+
	Scierie	(338)	185	NE	100% négative	NF	NF	100%	+

Agent	Profession	Références	Sujets (n)	Prévalence	Test cutané	IgE spécifiques	Autres tests immunologiques	Test de provo-cation spécifique	Autre évidence
Cèdre blanc de l'Est (Thuja occidentalis)	Scierie	(339)	652	4.1%	100% négative	NF	NF	NF	Questionnaire CP20
	Scierie	(340)	3	4-7%	NF	NF	NF	+	
Séquoia de Californie (Sequoia sempervirens)	Sculpteurs	(341)	2	NE	-	NF	Précipitines négatives		
	Menuisier	(342)	1	NE	NF	NF	NF	+	
Cèdre du Liban (Cedra libani)	Travail du bois	(343)	6	NE	17% +	NF	100% précipitines négatives	NF	
Épinette (non spécifié)	Scierie	(344)	1	NE	NF	+	NF	NF	Débit de pointe + Expectoration induite
Cocabolla (Dalbergia retusa)	Travail du bois	(345)	3	NE	100% négatives	NF	NF	NF	
Iroko (Chlorophora excelsa)	Menuisier	(346)	1	NE	+	NF	Précipitines +	+	
	Menuisier	(347)	1	NE	NF	NF	NF	+	
	Travail du bois	(348)	9	NE	4/9 avec test intradermique +	negative	NF	+	Débit de pointe
Chêne (Quercus robur)	Scierie	(349)	1	NE	-	NF	+	+	
	Construction, menuisier	(350)	3	NE	NF	NF	Précipitines +	+	
Acajou (son spécifié)	Modeleur(bois)	(349)	1	NE	-	NF	Précipitines +	+	
Abiruana (Pouteria)	Fabrique de meubles	(351)	2	NE	+	NF	Précipitines négatives	+	
Érable africain (Triplochiton scleroxylon)	Construction, menuisier	(352)	2	NE	+	+	Transfert passif	+	
	Construction de saunas	(353)	2	NE	100% +	100% +		+	
	Fabrication de modèles réduits en bois	(354)	1	NE	+	+	NF	+	
Tanganyika aningré	Travailleur du bois	(355)	3	NE	100% +	100% -	100% Précipitines négatives	100% +	
Aningré (Angineria robusta)	Fabrique de meubles	(356)	1	NE	+	+	NF	+	
Noyer d'Amérique centrale (Juglans olanchana)	?	(357)	1	NE	-	-	Précipitines négatives	+	
Umbila (Pterocarpus angolensis)	Machiniste (bois)	(358)	1	NE	+	NF	NF	NF	
Zingana (Microberlinia)	Machiniste (bois)	(359)	1	NE	+	+	NF	+	

Agent	Profession	Références	Sujets (n)	Prévalence	Test cutané	IgE spécifiques	Autres tests immunologiques	Test de provo-cation spécifique	Autre évidence
Ramin (Gonystylus bancanus)	Travailleur du bois	(360)	2	NE	+	+	NF	+	
Ecorce de bois de Panama (Quillaja saponaria)	Usine de saponine, sapogénol ou saponoside	(361)	1	NE	NF	+	NF	+	
Fernambouc (Caesalpinia echinata)	Fabrication d'arcs	(362)	36	33.3%	100% -	NF	NF	100% de 1+	
Frêne d'Amérique (Fraxinus americana)	Scierie	(363)	1	NE	-	-	NF	+	
Frêne commun (Fraxinus excelsior)	Meubles	(364)	1	NE	-	+	NF	+	
Guatambou (Balfourodendron riedelianum)	Travailleur du bois	(365)	1	NE	+	+	NF	+	
Cabreuva (Myrocarpus fastigiatus Fr. All.)	Fabriquant de parquet	(366)	1	NE	NF	NF	NF	+	
Ebène (Diospyros crassiflora)	Menuisier	(367)	1	NE	-	NF	NF	+	
Kotibé (Nesorgordonia papverifera)	Ébéniste	(368)	1	NE	+	NF	Transfert passif	+	
Cannelle (Cinnamomum Zeylanicum)	Entrepôt	(369)	40	22.5%	NF	NF	NF	100% de 1+	
Noyer brésilien (Imbuia)	Fabrication de meubles	(370)	1	NE	NF	NF	Précipitines positives	+	Débit de pointe
Acacia d'Australie (Acacia Melanoxylon)	Fabrication de meubles	(371)	3	NE	NF	NF	NF	+	Débit de pointe
Makoré	Ébéniste	(372)	1	NE	-	NF	NF	+	
Antiaris	Manufacture de portes	(373)	1	NE	+	+	SDS-PAGE	+	
Sapelli	Menuisier	(374)	1	NE	NF	NF	+ Immunobuvardage	NF	
Ipe (Tabebuia spp)	Scieur	(375)	1	NE	NF	NF	NF	+	
Angelim pedra (Hymenolobium petraeum)	Menuisier	(376)	1	NE	+	NF	SDS-PAGE	+	

Agent	Profession	Références	Sujets (n)	Prévalence	Test cutané	IgE spécifiques	Autres tests immunologiques	Test de provo-cation spécifique	Autre évidence
Cedrorana (Cedrelinga catenaeformis Ducke)	Menuisier	(377)	1	NE	+	+	SDS-PAGE	+	
Falcata (Albizia falcataria)	Fabrication de meubles	(378)	1	NE	+	NF	NF	+	
Chengal (Neobalanocarpus hemeii)	Menuisier	(379)	1	NE	NF	NF	NF	+	Débit de pointe
Padouk (Pterocarpus soyauxii)	Ébéniste	(380)	1	NE	-	+	Pas de protéine de liaison	+	
Agent non identifié	Scieries de l'Est du Canada et des USA	(381)	11	NE	NF	NF	NF	+	Débit de pointe
<u>Métaux</u>									
Platine	Affinerie de platine	(382)	16	NE	62% +	NF	NF	62% +	
Tétrachloroplatinate	Production de médicaments cytotoxiques (Cisplatine)	(383) (384)	136 1	29 % NE	17% + Non inter-prétable	21%+ NF	NF NF	NF +	
Nickel, sulfate de	Plaquage	(385)	1	NE	+	NF	Précipitines négatives	+	
	Polisseur de métaux	(386)	1	NE	+	NF	Précipitines négatives	+	
Cobalt	Electroplaquage	(387)	1	NE	+	+	NF	+	
	Polisseurs de métaux	(388)	4	NE	25% +	NF	NF	50% +	
	Polisseurs de diamants	(389)	3	NE	NF	NF	NF	100% +	
Fer (non spécifié)	Soudeurs	(390)	3	NE	NF	NF	NF	+	Expectoration induite
Palladium, tétraamine dichlorure	Ligne de montage	(391)	1	NE	+	NF	NF	+	
Rhodium	Ligne de montage	(392)	1	NE	+	NF	NF	+	
Fumées de zinc	Soudeurs	(393)	2	NE	NF	NF	NF	+	
	Serrurier	(394)	1	NE	NF	NF	NF	+	

Agent	Profession	Références	Sujets (n)	Prévalence	Test cutané	IgE spécifiques	Autres tests immunologiques	Test de provo-cation spécifique	Autre évidence
Carbure de tungstène	Polisseur de métaux	(395)	1	NE	NF	NF	NF	NF	Récupération hors travail
Chrome	Imprimeur	(396)	1	NE	+	NF	NF	NF	
Chromate	Plancher de ciment	(397)	1	NE	NF	NF	NF	+	
	Plaquage	(398)	1	NE	+	NF	NF	NF	
	Variés	(399)	4	NE	+	NF	NF	+	
Stellite (alliage contenant ~60% cobalt, ~30% chrome, du tungsten et du carbone)	Machiniste	(400)	1	NE	Négatives aux métaux	NF	-	+	
Chrome & Nickel	Soudeur	(401)	5	NE	NF	NF	NF	100% de 2+	
	Tannage	(402)	1	NE	-	+	NF	+	
	Électroplaquage	(403)	7	NE	Chrome 29%+ Nickel 57% +	NF	NF	Chrome: 100% de 7 Nickel: 40% de 5	
Cobalt & Nickel	Usine de métaux lourds	(404)	8	NE	Cobalt: 75% Nickel: 62% Cobalt: 62% Nickel: 50%		NF	Cobalt & Nickel 100% +	
Aluminium	Soudage	(405)	1	NE	NF	NF	NF	+	
Tétrafluorures d'aluminium	Production (flux)	(406)	3	NE	NF	NF	NF	+	
Chlorure d'aluminium	Fonderie	(407)	1	NE	NF	NF	NF	+	Débit de pointe
Hydroxide d'aluminium	Manufacture d'essuie-glace	(408)	1	NE	nég	NF	NF	+	
Oxide d'aluminium	Travailleur manipulant produit isolant	(409)	1	NA	ND	ND	ND	+	
(?) Fluorure d'aluminium	Aluminerie	(410)	52	NE	NF	NF	NF	NF	Histoire
(?) Aluminium	Aluminerie	(411)	227	7%	NF	NF	NF	NF	Questionnaire
	Aluminerie	(412)	35	NE	NF	NF	NF	NF	Histoire
	Aluminerie	(413)	57	NE	NF	NF	NF	NF	Histoire
	Aluminerie	(414)	1	NE	NF	NF	NF	+	Débit de pointe
Manganèse	Soudeur	(415)	1	NE	NF	NF	NF	+	
<u>Médicaments</u>									
Pénicillines & Ampicilline	Industrie pharmaceutique	(416)	4	NE	100% négatif	NF	NF	75% +	
Penicillamine	Industrie pharmaceutique	(417)	1	NE	NF	-	NF	+	Débit de pointe

Céphalosporines	Industrie pharmaceutique	(418)	2	NE	+	NF	NF	+	
	Industrie pharmaceutique	(419)	91	8%	71% +	NF	NF	NF	Amélioration hors travail
	Industrie pharmaceutique	(420)	161	15.5%	3.1%	17.4%	Inhibition de RAST	NF	NF
Colistine	Industrie pharmaceutique	(421)	1	NE	NF	NF	NF	+	
Thiamphenicol	Industrie pharmaceutique	(422)	3	NE	67% +	67% +	NF	+	
Acide 7-aminocephalosporanique	Industrie pharmaceutique	(423)	2	NE	+	+	Inhibition de RAST	+	
Chlorhydrate de chlorure d'acide phénylglycine	Industrie pharmaceutique	(424)	24	29%	37% +	37% +	Transfert passif	100% de 2 +	
Psyllium	Fabrication de laxatifs	(425)	3	NE	100% +	NF	NF	60% +	
	Industrie pharmaceutique	(426)	130	4%	19% de 120 +	26% de 118 +	NF	27% de 18 +	
	Infirmières	(427)	5	NE	80% +	100% +	NF	100% +	
	Personnel de la santé	(428)	193	4%	3% +	12% de 162 +	NF	26% de 15 +	
Méthyl dopa	Industrie Pharmaceutique	(429)	1	NE	-	NF	NF	+	
Spiramycine	Industrie pharmaceutique	(430)	1	NE	+	NF	NF	+	
	Industrie pharmaceutique	(431)	51	8 %	100% négatif	NF	NF	25% de 12 +	
	Industrie pharmaceutique	(432)	2	NE	NF	-	NF	+	
Intermédiaire du salbutamol	Industrie pharmaceutique	(433)	1	NE	-	NF	NF	+	
<u>Médicaments</u>									
Amprolium, chlorhydrate d'	Mélangeurs d'aliments de poules	(434)	1	NE	NF	NF	NF	+	
Tétracycline	Industrie pharmaceutique	(435)	1	NE	NF	NF	NF	+	
Hydrazide de l'acide iscotinique	Pharmacie d'hôpital	(436)	1	NE	+	+	NF	+	

Agent	Profession	Références	Sujets (n)	Prévalence	Test cutané	IgE spécifiques	Autres tests immunologiques	Test de provo-cation spécifique	Autre évidence
Hydralazine	Industrie pharmaceutique	(437)	1	NE	-	-	IgG spécifiques négatives	+	
Tartrate de tylosine	Industrie pharmaceutique	(438)	1	NE	NF	NF	NF	+	
Ipecacuanha	Industrie pharmaceutique	(439)	42	48%	52% de 19+	66% de 18+	NF	NF	
Cimétidine	Industrie pharmaceutique	(440)	4	NE	NF	NF	NF	25% +	
Thiamine	Fabrication de céréales	(441)	1	NE	NF	-	NF	+	
Escine	Industrie pharmaceutique	(442)	1	NE	NF	NF	NF	+	
Lasamide (précurseur du furosémide)	Industrie chimique	(443)	3	NE	3 +	NF	NF	+	
Acide 5-aminosalicylic	Industrie pharmaceutique	(444)	1	NE	neg	NF	NF	+	
Pipéracilline	Industrie pharmaceutique	(445)	1	NE	+	NF	NF	+	
Ceftazidime	Industrie pharmaceutique	(446)	1	NE	NF	NF	NF	+	
Opiacés	Industrie pharmaceutique	(447)	39	26%	+	NF	NF	NF	Débit de pointe
	Industrie pharmaceutique	(448)	4	14%	+	+	NF	+	VEMS pré-post quart de travail
Amoxicilline	Industrie pharmaceutique	(449)	1	NE	-	-	NF	+	
Vancomycine	Industrie pharmaceutique	(450)	1	NE	NF	NF	NF	Libération d'histamine	Débit de pointe
Mitoxantrone	Infirmière	(451)	1	NE	NF	NF	NF	+	Débit de pointe; Lavage broncho-alvéolaire
Tafénoquine	Pharmacien	(452)	1	NE	NF	-	NF	+	
Ranitidine (1,1-Ethenediamine, N-[2-[[[5-[(diméthylamino)méthyl]-2-furanyl)méthyl]thio]éthyl]-N'-méthyl-2-nitro)	Emballageuse compagnie pharmaceutique	(453)	1	NE	-	NF	NF	+	

Minoxidil	Esthéticienne	(454)	1	NE	négatif	NF	NF	négatif (mais changements expecto et CP20)	
Ferrimanitol- Ovalbumine (FMOA)	Travailleur compagnie pharmaceutique	(454)	1	NE	négatif	NF	immunobuvardage	+	
Clarithromycine	Travailleur compagnie pharmaceutique	(454)	1	NE	négatif	NF	NF	+	
Hydrochlorure de glucosamine	Nettoyeur	(454)	1	NE	négatif	NF	NF	+	
<u>Teintures réactives</u>									
Teintures réactives	Manufacture de teintures	(455)	309	25%	7%+ orange 8%+ noir	17%+ orange 17%+ noir	NF	65% de 20+	
	Teinture de la laine	(456)	6	NE	NF	83% +	100% +	NF	
	Teinture de textiles	(457)	162	NE	NE	85% de 5 +	NF	NF	
Jaune brillant levafix E36	Préparation de solutions	(458)	1	NE	+	NF	NF	+	
Jaune brillant drimaren K-3GL	Industrie terxtile	(459)	1	NE	+	NF	NF	+	
Noir henné (Indigofera argentea)	Herbes	(460)	1	NE	+	+	NF	NF	Débit de pointe
Teinture bleue FD&C #2	Industrie	(461)	1	NE	-	-	NF	+	
Rouge écarlate	Industrie	(459)	1	NE	+	NF	NF	+	
Cibachrome 32	textile								
Bleu brillant	Industrie	(459)	1	NE	+	NF	NF	+	
Drimarene K-BL	textile								
Jaune Lanazol 4G	Teinturier	(459)	1	NE	+	NF	NF	+	
Rouge Synozol K 3BS	Industrie textile	(462)	1	NE	+	+	NF	+	
Carmin	Manufacture de teintures	(463)	10	NE	30% +	30% +	NF	100% de 1	
Monascus ruber	Industrie alimentaire	(464)	1	NE	+	NF	+ Immunobuvardage	+	CP20
Rouge Soudan	Empaquetage de cosmétique	(465)	1	NE	NF	NF	NF	+	

Agent	Profession	Références	Sujets (n)	Prévalence	Test cutané	IgE spécifiques	Autres tests immunologiques	Test de provo-cation spécifique	Autre évidence
Indigo (Indigofera tinctoria)	Coiffeurs	(466)	2	NE	+	NF	NF	+	
<u>Biocides</u>									
Hexachlorophène	Personnel d'hôpital (agent stérilisant)	(467)	1	NE	NF	NF	NF	+	
Chlorhexidine	Infirmière	(468)	2	NE	NF	NF	NF	+	
Glutaraldéhyde	Unité d'endoscopie	(469)	9	89%	NF	NF	NF	NF	Questionnaire
	Endoscopie & Radiologie	((470)	8	NE	NF	NF	NF	7/8 +	Débit de pointe
Ortho-phthalaldéhyde	Unité d'endoscopie	(471)	1	NE	NF	NF	NF	NF	Amélioration hors travail
Hydroxylamine	Recyclage du papier	(472)	3	NE	NF	NF	NF	1 +	Débit de pointe
Mélange d'acide peroxyacétique et de peroxyde d'hydrogène	Unité d'endoscopie	(473)	2	NE	NF	NF	NF	2 +	Débit de pointe
Chloramine T	Industrie chimique	(474)	6	NE	100%+	NF	66% +	NF	
	Brasserie	(475)	7	NE	100%+	NF	Passive transfer NF	NF	Amélioration hors travail
	Concierge	(476)	5	NE	100% de 4+	NF	NF	100% de 3+	
Chloramine (non spécifié)	Sauveteur, professeur de natation	(477)	3	NE	NF	NF	NF	+	Débit de pointe
Chlorure de N-benzyl N,N-dimethyl N-dodécyl ammonium	Pharmacien	(478)	1	NE	NF	NF	NF	+	Débit de pointe
isothiazolinone	Industrie chimique	(479)	1	NE	NF	NF	NF	+	
Triclosan	Puéricultrice ou éducatrice en crèche ou garderie	(480)	1	NE	NF	NF	NF	+	Débit de pointe
<u>Fongicides</u>									
Tetrachloroisophthalonitrile	Fermier	(481)	1	NE	NF	-	Test cutané contact +	+	VEMS au travail

Agent	Profession	Références	Sujets (n)	Prévalence	Test cutané	IgE spécifiques	Autres tests immunologiques	Test de provo-cation	Autre évidence spécifique
Oxyde de tributylétain	Technicien en ponction veineuse	(482)	1	NE	-	NF	NF	+	
Captafol	Industrie chimique	(483)	1	NE	-	NF	NF	+	
<u>Produits chimiques</u>									
Chlorure de polyvinyle (fumées)	Empaqueteur de viandes	(484)	96	69%	NF	NF	NF	27% de 11+	
Chlorure de polyvinyle (fumées et poudre)	Empaqueteur de viandes	(485)	3	NE	NF	NF	NF	NF	Histoire seulement
Chlorure de polyvinyle (poudre)	Manufacture de papier peint	(486)	1	NE	+	NF	NF	+	Débit de pointe
Insecticide organophosphoré	Industrie empaquetage chimique	(487)	1	NE	(intradermique) NF	NF	NF	NF	Histoire seulement
Tétramethrine	Extermination	(488)	1	NE	-	NF	NF	+	CP20
Sels de persulfate & henné	Coiffeur	(489)	2	NE	+	NF	NF	+	
	Coiffeur	(490)	2	NE	+	NF	NF	+	
	Coiffeur	(491)	23	17%	4% +	NF	NF	100% de 4+	
	Coiffeur	(492)	1	NE	-	NF	NF	+	
	Coiffeur	(493)	1	NE	NF	NF	NF	+	
Henné jaune et rouge	Coiffeur	(494)	1	NE	+	NF	NF	+	+ rhinomanométrie
Eugénol	Coiffeur	(495)	1	NE	piqûre négatif contact positif	NF	Prolifération mononucléaire	+	
Sels de diazonium	Manufacture de papier pour photocopieur	(496)	1	NE	NF	NF	NF	+	
	Manufacture de précurseur polymérique de fluor	(497)	45	56	NF	20% +	NF	100% de 2	

Agent	Profession	Références	Sujets (n)	Prévalence	Test cutané	IgE spécifiques	Autres tests immunologiques	Test de provo-cation spécifique	Autre évidence
Urée formaldéhyde	Reéine	(498)	2	NE	-	NF	NF	+	
	Résine	(499)	3	NE	NF	NF	NF	100% de 3	
	Manufacture de mousses	(500)	1	NE	NF	NF	NF	+	
Aromatisant chimique pour le maïs à éclater Fréon (non spécifié)	Fabrication de maïs à éclater	(501)	3	NE	NF	NF	NF	NF	
	Réfrigération	(502)	1	NE	NF	NF	NF	+	
Alcool furfurique (résine à base de furane)	Mouleur de fonderie	(503)	1	NE	NF	NF	NF	+	
Styrène	Manufacture de plastiques	(504)	2	NE	-	NF	NF	+	
Azobisformamide	Plastiques, caoutchouc	(505)	151	18.5 %	NF	NF	NF	NF	Amélioration hors travail
	Plastiques	(506)	2	NE	NF	NF	NF	+	
	Plastiques	(507)	4	NE	NF	NF	NF	100% de 2 +	
Sels de sodium de l'oxybenzène sulfonate d'isononanoyle	Techniciens	(508)	1	NE	NF	NF	NF	+	
Réactif de couplage peptidique (TBTU & HBTU)	Technicien	(509)	1	NE	+	Négatives	NF	+	
Amino-3 triazole 1,2,4-thiol-5	Fabrication d'herbicides	(510)	6	NE	NF	NF	IgG spécifiques	NF	Débit de pointe
Tétrazène	Manufacture d'explosifs	(511)	1	NE	NF	NF	NF	+	Débit de pointe
Polyéthylène	Empaqueur	(512)	1	NE	NF	NF	NF	+	Débit de pointe
Huile de tall	Fabriquant de pneus	(513)	1	NE	-	NF	Test cutané (contact) négatif	+	Débit de pointe
	Usine de filtration	(514)	1	NE	-	NF	NF	Oral +	
Métabisulfite de sodium	Industrie alimentaire	(515)	1	NE	NF	NF	NF	+	
Bisulfite de sodium	Industrie de la pêche	(516)	1	NE	NF	NF	NF	+	
Polypropylène	Fabrication de sacs	(517)	1	NE	NF	NF	NF	+	Débit de pointe
Polyester	Peintre	(518)	1	NE	NF	NF	NF	+	Alvéolite
Acide acétique glacial	Conservation	(519)	1	NE	NF	NF	+	NF	

Agent	Profession	Références	Sujets (n)	Prévalence	Test cutané	IgE spécifiques	Autres tests immunologiques	Test de provo-cation spécifique	Autre évidence
Ninhydrine	Technicien	(520)	1	NE	NF	NF	NF	+	Débit de pointe
Benz-1,2 isothiazolinone-3	Industrie chimique	(521)	1	NE	NF	NF	NF	+	
Acide -3-(bromo-méthyl)-2-chloro-4-(méthylsulfonyl) benzoïque	Travailleur usine chimique	(522)	2	2/92(2%)	+	NF	NF	+	
Métabisulfite	Producteur agricole	(515)	1	NE	NF	NF	NF	NF	
Tert-butylhydroquinone	Usine chimique produisant des antioxydants	(523)	1	NE	NF	NF	NF	+	
<u>Produits utilisés dans le domaine de la santé</u>									
Oxyde d'éthylène	Infirmière	(524)	1	NE	NF	+	NF	+	Changements de CP20
Enflurane	Hôpital	(525)	1	NE	NF	NF	NF	+	
Sevoflurane et isoflurane	Anesthésiologie	(526)	3	NE	NF	NF	NF	+	
Bleu de méthyle	Hôpital	(527)	1	NE	NF	NF	NF	+	
Terpène	Hôpital	(528)	1	NE	NF	NF	NF	+	
Fixateur radiologique	Hôpital	(529)	1	NE	NF	NF	NF	+	
Sulfathiazole	Hôpital	(530)	2	NE	-	NF	NF	+	
Formaldéhyde	Hôpital	(531)	28	29%	NF	NF	NF	50% de 4+	
	Industries variées	(532)	15	NE	NF	NF	NF	60% +	
	Industries variées	(533)	230	5%	NF	NF	NF	5% +	
Méthacrylate et méthyle & cyanoacrylates	Adhésifs	(534)	7	NE	NF	NF	NF	86% +	Débit de pointe 14% positif
	Infirmière	(535)	1	NE	NF	NF	NF	+	
	Colles	(536)	1	NE	NF	NF	NF	+	Débit de pointe
	Manicure	(537)	1	NE	NF	NF	NF	+	
	Variés	(538)	55	NE	NF	NF	NF	+ chez tous	
Triacrylate (non spécifié)	Impression	(539)	1	NE	NF	NF	NF	+	
Diacrylate de bisphénol A éthoxylé	Atelier automobile	(540)	1	NE	NF	NF	NF	+	
<u>Produits synthétiques</u>									
Plexiverre	Usine	(541)	1		NF	NF	NF	+	Changement pré-

Agent	Profession	Références	Sujets (n)	Prévalence	Test cutané	IgE spécifiques	Autres tests immunologiques	Test de provo-cation spécifique	post du VEMS Autre évidence
Poudre émail de dents	Dentiste	(542)	1	NE	NF	NF	NF	NF	
Encre à ECG	Infirmière de laboratoire	(527)	1	NE	+	NF	NF	+	
<u>Agents non identifiés</u>									
(?)	Inhalothérapeute	(543)	194	19	NF	NF	NF	NF	Questionnaire
(?)	Laboratoire d'analyse minérale	(544)	21	24%	NF	NF	NF	NF	Questionnaire CP20
(?) Bruine d'huile	Machiniste	(545)	1	NE	NF	NF	NF	+	Débit de pointe
(?) Liquide pour le travail du métal	Fabrication d'automobiles	(546)	12	1.5%	NF	NF	NF	NF	CP20, VEMS
(?) Cendre pulvérisée de combustible	Employé de centrale	(547)	1	NE	NF	NF	NF	+	Débit de pointe
Copolymère de styrène, acrylonitrile et butadiène (?)	Travailleur autonome (impression 3D)	(548)	1	NE	NF	NF	NF	NF	Détérioration au travail. Amélioration hors travail.

Légende: NE = non estimé; NF = non fait

Note: Une version préliminaire de ce tableau a été préparé avec la collaboration très appréciée du Dr Moira Chan-Yeung de Vancouver (Canada) et a été publiée dans la première édition du livre *Asthma in the Workplace* (Marcel Dekker, NY, 1993).

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