

Supplementary Table 1. Contact Allergens

CATEGORY	All T cell	CD4/ Class II	CD8/ Class I	All B cell	Linear B cell	Non-linear B cell	Total Epitopes
Plants							
Latex Rubber tree (<i>Hevea brasiliensis</i>)	43	19	0	164	156	8	207
Metals							
Nickel	8	4	3	0	NA	NA	8
Copper	6	4	2	0	NA	NA	6
Cobalt	6	4	1	0	NA	NA	6
Zinc dichloride	3	2	1	0	NA	NA	3
Beryllium	3	3	0	0	NA	NA	3
Palladium	5	5	0	0	NA	NA	3
Chromium	2	2	0	0	NA	NA	2
Chemical Agents from Occupational Exposure			0				
1-fluoro-2,4-dinitrobenzene (DNFB)	6	3	3	1	NA	NA	7
1,4-benzoquinone	3	1	1	1	NA	NA	4
1,4-phenylenediamine	4	2	1	0	NA	NA	4
4-aminophenol	4	1	1	0	NA	NA	4
2,4-dinitro-1-thiocyanobenzene	2	1	1	1	NA	NA	3
4-methylaminophenol sulfate	3	1	1	0	NA	NA	3
ABA diazonium	3	1	2	0	NA	NA	3
Alizarin (dye)	0	0	0	1	NA	NA	3
Bandrowski's base (dye)	3	2	1	0	NA	NA	3
1,3-dicyclohexylcarbodiimide	2	0	0	0	NA	NA	2
2,4-dinitrobenzenesulfonate	2	1	1	0	NA	NA	2
Aniline	2	2	0	0	NA	NA	2
2-aminophenol	2	2	0	0	NA	NA	2
1,3-phenylenediamine	2	1	1	0	NA	NA	2
2-hydroxypropyl methacrylate	2	1	0	0	NA	NA	2
6-(4-hydroxy-5-iodo-3-nitrobenzamido)hexanoic acid	0	0	0	2	NA	NA	2
Ethylene glycol dimethacrylate	2	1	0	0	NA	NA	2
Methyl methacrylate	2	1	0	0	NA	NA	2
N-methylethanolamine	0	0	0	2	NA	NA	2
Ethylamine	0	0	0	2	NA	NA	2
4,4'-diaminoazobenzene	1	1	0	0	NA	NA	1
4,4'-diaminodiphenylmethane	1	1	0	0	NA	NA	1
4-bromo-1-hydroxyanthraquinone-2-carboxylic acid	0	0	0	1	NA	NA	1
3-aminophenol	0	0	0	1	NA	NA	1
6-(4-hydroxy-3-nitrobenzamido)hexanoic acid	0	0	0	1	NA	NA	1
1,2-phenylenediamine	1	1	0	0	NA	NA	1
Acenaphthene-1,2-dione	0	0	0	1	NA	NA	1
2-hydroxyethyl methacrylate	1	1	0	0	NA	NA	1
Anilide	0	0	0	1	NA	NA	1
4-(2-hydroxy-5-methylphenylazo)acetanilide	1	1	0	0	NA	NA	1
anthraflavin	0	0	0	1	NA	NA	1
2-[(2-([2-([3-[2,2,6,6-tetramethyl-1-(ylloxy)piperidin-4-ylamino]phenyl)amino)ethyl]amino)-2-oxoethoxy)acetamido]ethyl 1,2-dipalmitoylglycero-3-phosphate	0	0	0	1	NA	NA	1

Bismark Brown Y (dye)	1	1	0	0	NA	NA	1
Cetyltrimethylammonium chloride	0	0	0	1	NA	NA	1
Coniferol	0	0	0	1	NA	NA	1
Ethyl acetate	0	0	0	1	NA	NA	1
Nitrosobenzene	1	1	0	0	NA	NA	1
Purpurin (dye)	0	0	0	1	NA	NA	1
Sodium 2,4-dinitrobenzenesulfonate	0	0	0	1	NA	NA	1
Model Haptens							
2,4-dinitrophenol (DNP)	10	5	5	3	NA	NA	13
Dinitrochlorobenzene (DNCB)	8	3	3	3	NA	NA	11
2,4,6-trinitrobenzenesulfonic acid	7	4	3	0	NA	NA	7
2,4,6-trinitrophenyl group (TNP)	7	4	3	2	NA	NA	7
N(6)-(2,4-dinitrophenyl)-L-lysine	3	1	1	3	NA	NA	6
1-chloro-2,4,6-trinitrobenzene	5	2	2	0	NA	NA	5
2,4-dinitrobenzenesulfonic acid	4	2	2	0	NA	NA	4
(4-hydroxy-5-iodo-3-nitrophenyl)acetyl group	2	0	2	1	NA	NA	3
(4-hydroxy-3-nitrophenyl)acetyl group	1	0	0	1	NA	NA	2
4,4'-azodibenzeneearsonic acid	1	0	0	1	NA	NA	2
4-arsonophenyldiazenyl group	1	0	0	1	NA	NA	2
N-acetyltyrosine-4-azobenzeneearsonate	2	2	0	0	NA	NA	2
N-(2,4-dinitro-6-carboxy)phenyl-1.6-diaminohexane	0	0	0	1	NA	NA	1
N-(2,4-dinitrophenyl)aminohexanoic acid	0	0	0	1	NA	NA	1
4-hydroxy-5-iodo-3-nitrophenylacetyl-O-succinimide ester	1	0	1	0	NA	NA	1
Picric acid	0	0	0	1	NA	NA	1
1,3-diisopropylcarbodiimide	1	0	0	0	NA	NA	1