

**Online Supplementary Table 1.** The total IgE and the peanut-specific IgE of the individual sera and serum pool

	Gender	Age	Race	Other food allergies	Total IgE IU/ml	Anti-peanut IgE kU/l	Anti-Ara h 2/6 ratio
<i>Serum</i>							
D67	M	9	C	E	1,418	254	1.8:1.0
D120	M	3	C	T	171	54	1.7:1.0
D121	M	4	C	T	6,490	2,020	1.2:1.0
D122	F	17	C	Soy	341	97	1.2:1.0
D123	M	3	AA	T, S	568	137	1.0:1.6
D124	M	7	C	T, Sesame	245	53	1.0:1.7
<i>Serum pool</i>							
D60	M	16	C	T, D, S, E, P, B, fish	501	71	1.0:1.2
					454	159	ND
D64	F	9	C	T, S	2,803	591	ND
D65	F	11	C	D	2,421	180	ND
D68	F	16	C	T	212	25.2	ND
D70	M	13	C	T, D, Mushroom	1,423	500	ND
D71	M	7	PI	T, S, D, E	4,939	88.4	ND
D80	M	13	C	T	545	164	ND
D81	M	16	C	T, Sesame	268	67.5	ND
D103	F	9	C	T	1,797	787	ND
D107	F	32	C/H	None	199	65.3	ND

C = Caucasian; AA = African American; PI = Pacific Islander; C/H = Caucasian/Hispanic; T = tree nut allergy; D = dairy allergy; S = shell fish allergy; E = egg allergy; P = peas allergy; B = beef allergy; ND = not done.