

Table SI. Results of skin tests and histamine release tests: before and after aspirin administration

Pat. no.	Food or Reagents	IgE RAST	Skin prick test		HRT, %	
			Before aspirin intake	After aspirin intake	Before aspirin intake (dilution)	After aspirin intake (dilution)
1	Wheat	0	2 × 2 (2+)	0 × 0 (0)	NT	NT
	Gluten	1	7 × 4 (3+)	3 × 3 (3+)	NT	NT
	Gliadin	NT	5 × 4 (3+)	5 × 4 (3+)	NT	NT
	Bread	NT	4 × 5 (2+)	0 × 0 (0)	52.8 ± 5.8 (1/10) 5.6 ± 4.6 (1/100)	53.9 ± 12 (1/10) 8.9 ± 2.6 (1/100)
	ω-5gliadin	3	NT	NT	NT	NT
2	Spinach	3	6*6/20*18 (3+)	NT	130 ± 13% (1/1000)	0% (1/1,000)*
3	Wheat	4	6 × 6 (3+)	8 × 7 (3+)	NT	NT
	Gluten	4	10 × 5 (3+)	9 × 6 (3+)	NT	NT
	Gliadin	NT	14 × 10 (3+)	12 × 7 (3+)	NT	NT
	Bread	NT	5 × 4 (2+)	7 × 7 (2+)	76.1 ± 3.4 (1/10) 71.5 ± 4.8 (1/100) 62.0 ± 4.1 (1/1000)	86.0 ± 4.3 (1/10) 64.2 ± 2.7 (1/100) 61.9 ± 3.6 (1/1,000)
	ω-5gliadin	2	NT	NT	NT	NT
4	Wheat	0	0 × 0 (0)	NT	NT	NT
	Gluten	2	4 × 3 (2+)	NT	NT	NT
	Gliadin	NT	3 × 4 (2+)	NT	NT	NT
	Bread	NT	4 × 3 (2+)	NT	40.4 ± 11.6 (1/10) 9.0 ± 19.0 (1/100)	46.7 ± 4.3 (1/10) 0.5 ± 5.9 (1/100)
	ω-5gliadin	3	NT	NT	NT	NT
5	Wheat	0	6 × 5 (2+)	8 × 8 (2+)	NT	NT
	Gluten	2	7 × 7 (2+)	12 × 7 (3+)	NT	NT
	Bread	NT	5 × 5 (2+)	9 × 9 (3+)	102.2 ± 9.5 (1/10) 45.7 ± 8.1 (1/100) 57.3 ± 8.5 (1/1000)	122.1 ± 14.3 (1/10) 65.0 ± 13.9 (1/100) 52.2 ± 11.8 (1/1,000)
	ω-5gliadin	3	NT	NT	NT	NT
	ω-5gliadin	3	NT	NT	NT	NT
6	Wheat	2	5 × 5 (2+)	NT	NT	NT
	Gluten	3	5 × 8 (2+)	6 × 7 (2+)	NT	NT
	Gliadin	NT	6 × 7 (2+)	6 × 4 (2+)	NT	NT
	Bread	NT	12 × 9 (3+)	7 × 6 (2+)	71.8 ± 8.8 (1/10) 13.3 ± 4.1 (1/100) 10.7 ± 1.5 (1/1000)	77.0 ± 2.2 (1/10) 13.8 ± 7.6 (1/100) 16.8 ± 1.4 (1/1,000)*
	ω-5gliadin	4	NT	NT	NT	NT
7	Wheat	0	3 × 3 (2+)	5 × 5 (2+)	NT	NT
	Gluten	2	0 × 0 (0)	5 × 4 (2+)	NT	NT
	Gliadin	NT	0 × 0 (0)	0 × 0 (0)	NT	NT
	Bread	NT	2 × 2 (1+)	7 × 4 (2+)	112.4 ± 9.1 (1/10) 32.0 ± 3.9 (1/100) 2.9 ± 2.9 (1/1000)	114.7 ± 14.7 (1/10) 32.7 ± 0.3 (1/100) 10.3 ± 3.4 (1/1,000)*
	ω-5gliadin	3	NT	NT	NT	NT
8	Shrimp	2	6 × 4 (2+)	4 × 4 (2+)	36.9 ± 8.3 (1/1000)	37.8 ± 9.4 (1/1,000)
9	Shrimp	1	–	–	83.4 ± 2.1 (1/100) 26.2 ± 2.3 (1/1000)	74.4 ± 2.2 (1/100) 22.5 ± 6.2 (1/1,000)
10	Wheat	3	3 × 3 (2+)	5 × 4 (2+)	NT	NT
	Gluten	4	7 × 5 (3+)	3 × 4 (2+)	NT	NT
	Gliadin	NT	6 × 5 (3+)	10 × 5 (3+)	NT	NT
	Bread	NT	3 × 3 (2+)	5 × 5 (2+)	NR	NT
	ω-5gliadin	3	NT	NT	NT	NT

NT: not tested; RAST: radioallergosorbent testing; HRT: histamine release test skin prick tests: longest length × perpendicular length of wheal (assessed score). The level of %HRT was compared between two groups before and after aspirin administration. Differences are considered statistically significant at $p < 0.05$ (*).

Non-responder; a case who did not release significant histamine from basophils with anti-IgE antibody.