ERRATUM

Erratum to: Multiplex detection of food allergens and gluten

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In the original version of this article unfortunately, Table 2 contained some errors in the placement of the values. Below, please find the corrected version; in the electronic version, readers can easily enlarge it to meet their reading needs.

The online version of the original article can be found at <http://dx.doi.org/10.1007/s00216-015-8645-y>.

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TABLE 2: Cross-Reactivity Profile Patterns ^a

Analyte	ng/mL ^a	Almond-12 ^b	Almond-13	Brazil nut-14	Brazil nut-15	Cashew-18	Cashew-19	Coconut-20	Coconut-21	Crustacean-22	Gluten-27	Gluten-28	Hazelnut-29	Hazelnut-30	Macadamia-33	Macadamia-34	Peanut-37	Peanut-38	Pine nut-39	Pine nut-42	Pistachio-43	Pistachio-44	Soy-45	Soy-46	Walnut-47	Walnut-48
Almond	10	100	43	<	<	45	<	<	<	<	<	6 ^c	<	<	2	<	<	<	<	<	<	<	<	<	<	<
	25	100	44	<	<	47	<	<	<	<	<	6	<	<	<	<	<	<	<	<	<	<	<	<	<	<
	50	100	48	<	<	47	<	<	<	<	<	5	2	<	2	<	<	<	<	<	2	<	<	<	<	<
	100	100	52	<	<	47	<	<	<	<	<	4	3	2	2	<	<	<	<	<	2	<	<	<	<	<
Brazil nut	10	<	<	100	42	68	21	<	<	<	<	<	<	2	<	<	<	<	<	<	33	<	<	<	<	<
	25	<	<	100	41	56	15	<	<	<	<	<	<	4	<	<	<	<	<	<	32	<	<	<	<	<
	50	<	<	100	37	53	15	<	<	<	<	<	<	5	<	<	<	<	<	<	30	<	<	<	<	<
	100	<	<	100	34	50	13	<	<	<	<	<	<	4	<	<	<	<	<	<	27	<	<	<	<	<
Cashew	25	<	<	13	<	100	48	<	<	<	<	<	10	2	<	<	<	<	<	<	54	9	<	<	5	<
	50	<	2 ^d	14	<	100	50	<	<	<	<	<	10	2	<	<	<	<	<	<	55	10	<	<	6	<
	100	<	<	21	<	100	64	<	<	<	<	<	16	3	<	<	<	<	<	<	66	16	<	<	8	2
Coconut	25	<	<	<	<	<	<	100	4	<	<	<	<	<	13	<	<	<	<	<	<	<	<	<	<	<
	50	<	<	<	<	<	<	100	5	<	<	<	<	<	5	<	<	<	<	<	<	<	<	<	<	<
	100	<	<	<	<	<	<	100	4	<	<	<	<	<	5	<	<	<	<	<	<	<	<	<	<	<
Crustacean	10	2	<	<	<	<	<	2	<	100	<	<	2	<	<	<	<	<	<	<	<	<	<	<	<	<
	25	2	<	<	<	<	<	2	<	100	<	<	2	<	<	<	<	<	<	<	2	<	<	<	<	<
	50	3	<	2	<	<	2	3	2	100	2	2	2	<	<	<	2	2	<	<	2	2	2	2	2	2
Gluten	100	2	<	<	<	<	<	2	<	100	<	<	2	<	<	<	2	2	<	<	2	<	<	<	<	<
	10	<	<	<	<	<	<	<	<	<	15	100	<	<	<	<	<	<	<	<	<	<	<	<	<	<
	25	<	<	<	<	<	<	<	<	<	16	100	<	<	<	<	<	<	<	<	<	<	<	<	<	<
Hazelnut	50	<	<	<	<	<	<	<	<	<	16	100	<	<	<	<	<	<	<	<	<	<	<	<	<	<
	100	<	<	<	<	<	<	<	<	<	18	100	<	<	<	<	<	<	<	<	<	<	<	<	<	<
	10	<	<	<	<	22	9	<	<	<	<	<	100	18	2	<	<	<	<	<	7	<	<	<	<	<
Macadamia	25	<	<	<	<	24	7	<	<	<	<	<	100	19	3	<	<	<	<	<	9	<	<	<	<	<
	50	<	<	<	<	26	7	<	<	<	<	<	100	20	4	<	<	<	<	<	9	<	<	<	<	<
	100	<	<	2	<	30	9	<	<	<	<	<	100	23	5	<	<	<	<	<	10	<	<	<	<	2
Peanut	10	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
	25	4	<	3	<	18	5	4	<	<	<	<	<	3	<	<	69	100	<	<	2	<	4	4	<	<
	50	6	<	4	<	22	6	6	<	<	<	<	2	2	4	<	70	100	<	<	4	<	6	6	2	<
	100	10	2	7	<	27	8	10	<	2	2	2	5	3	7	<	73	100	4	<	8	3	11	10	7	3
Pine nut	10	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	100	2	<	<	<	<	<
	25	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	100	5	<	<	<	<	<
	50	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	100	7	<	<	<	<	<
Pistachio	100	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	100	9	<	<	<	<	<
	10	<	<	18	<	87	24	<	<	<	<	<	4	<	<	<	<	<	<	<	100	38	<	<	<	<
	25	<	<	19	<	95	26	<	<	<	<	<	5	<	<	<	<	<	<	<	100	39	<	<	<	<
Soy	50	<	<	20	<	97	29	<	<	<	<	<	7	<	<	<	<	<	<	<	100	42	<	<	2	<
	100	<	<	22	<	92	30	<	<	<	<	<	8	<	<	<	<	<	<	<	100	45	<	<	2	<
	10	<	<	5	<	22	3	<	<	<	<	<	2	<	<	<	<	3	<	<	9	<	100	69	<	<
Walnut	25	2	<	7	<	27	5	<	<	<	<	<	3	<	<	<	<	<	<	<	12	<	100	87	<	2
	50	3	<	9	<	32	6	2	<	<	<	<	2	5	<	<	<	5	<	<	16	2	100	70	2	<
	100	5	<	14	<	43	9	3	<	<	2	4	8	<	2	<	2	8	<	<	25	2	100	74	3	4
Walnut	10	<	<	3	<	7	<	<	<	<	<	<	1	<	<	<	<	<	<	<	3	<	<	<	100	78
	25	<	<	5	<	11	<	<	<	<	<	<	5	<	<	<	<	<	<	<	4	<	<	<	100	83
	50	<	<	4	<	8	2	<	<	<	<	<	5	<	<	<	<	<	<	<	3	<	<	<	100	84
	100	<	<	5	<	10	2	<	<	<	<	<	7	<	<	<	<	<	<	<	5	<	<	<	100	88

^a Responses of non-denatured analyses tabulated as average response minus background, normalized to the most intense bead set for the analyte, set to 100 (i.e., Almond-12, Cashew-18, Coconut-20, Crustacean-22, Gluten-28, Hazelnut-29, Macadamia-33, Peanut-38, Pine nut-39, Pistachio-43, Soy-45, and Walnut-47). '<' indicated a normalized response of ≤ 1 (1% or less). Responses $\geq 2\%$ in red except for analysis of almond by Gluten-28; which were below the dynamic range of the bead set.

^b Concentration of analyte in the sample following extraction and preparation (prior to adding bead sets).

^c Bead set identified as the immunogen used to generate the antibody and the number of the MagPlex[®] Microsphere color-coded bead set.

^d Suspected artifact of Gluten-28; these responses were within the noise and below the dynamic range of gluten-28. Though when normalized relative to Almond appear as indicated.

^e Suspected noise error in data generation.