



OnSite® III Test Kits — Commodities used for Specificity and Selectivity Testing

Table 1 below lists the commodities and foods used in the validation process of OnSite® III Allergen and Multiplex Tree Nut Test Kits. These materials were used in specificity and selectivity testing. Known cross-reactivities are detailed in Table 2. Additional data is available in kit IFUs and on request.

Table 1. Commodities used for Specificity and Selectivity Testing							
#	Material	#	Material	#	Material	#	Material
1	Adzuki Bean	14	Pecan	27	Cashew	40	Mustard Seed
2	Mung Bean	15	Sesame	28	Pistachio	41	Coffee
3	Green Pea	16	Sunflower	29	Coconut	42	Sorghum Flour
4	Kidney Bean	17	Wheat Flour	30	Rice Flour	43	Bread Mix-GF
5	Green Lentil	18	Peanut	31	Corn Flour	44	Spice Blend
6	Chick Pea	19	Pine Nut	32	Soy Flour	45	Oat Flour
7	Poppy Seed	20	Raw Beef	33	Amaranth Flour	46	Soy Milk
8	Pumpkin Seed	21	Almond	34	Cocoa Powder	47	Cookie
9	Raisin	22	Brazil Nut	35	Rolled Oats	48	Chocolate Syrup
10	Apple	23	Macadamia Nut	36	Milk, 2% Fat	49	Orange Juice
11	Raw Chicken	24	Buckwheat	37	Raw Fish	50	Rice Cereal
12	Quinoa	25	Walnut	38	Raw Shrimp	51	Whey Shake
13	Corn Starch	26	Hazelnut	39	Millet Flour		

Table 2. Known Cross-Reactive Commodities					
Product Number	Analyte	Commodities #	Product Number	Analyte	Commodities #
PA-02	Almond	4,7	PA-12	Milk	4,7
PA-12	Casein	4,37	PA-07	Mustard	None
PA-07	Cashew	4,28	PA-04	Peanut	None
PA-04	Coconut	None	PA-19	Pine Nut	4
PA-19	Crustacean	4	PA-15	Pistachio	27
PA-15	Egg	4	PA-43	Sesame	1
PA-43	m-Gluten	None	PA-06	Soy	4,33
PA-06	Hazelnut	25	PA-05	Walnut/Pecan	4,26,35
PA-02	Macadamia	4	PA-45	Multiplex Tree Nut	4, 7, 29, 30, 35