

# AllergenControl™ LFD Detection Kits



QUALITY SOLUTIONS BY

 **WEBER SCIENTIFIC**

*Food labels must identify whether a product contains any of the major food allergens.*

*According to the FDA, undeclared allergens are causing the majority of food related recalls.*

*The only certain way of avoiding a recall for mislabeling is testing as low as possible for any indication of allergen residue.*

*Allergen cross-contamination can occur a number of ways including incomplete cleaning during the changeover of equipment. However, current regulations have not established a threshold defining allergen residue levels. Under these circumstances dairy processors are being advised to use test methods that are highly sensitive as a best practice to avoid a recall for mislabeling.*



## **AllergenControl™ LFD Detection Kits (Microbiologique)**

***Any food business with a HACCP or HARPC plan should have a Food Allergen Management plan***

### **Reasons why AllergenControl kits are special**

- Added security of Competitive line to prevent false negatives. Some Lateral Flow Devices (LFD's) can give false negatives when high levels of food allergen are present in the sample. This system uses a third line to overcome this problem.
- Avoid waste. Kits are available for either environmental surface tests or food product tests. Buy only what you need.
- Wide range of kits available for specificity. For example, you can choose from total milk, casein or beta-lactoglobulin residue. Overall, 44 kits are available.
- Doesn't need refrigeration – store between 36° to 77°F (2° to 25°C).
- Simple to use – no reconstitution of reagents – simply extract and run.
- Samples are tested against supplied known controls.
- Heat-stable protein allergens are detected.
- Custom Competitive Pricing™ is available. Just ask.



**Assay principles**

The AllergenControl residue LFD features polyclonal antibodies directed against targeted proteins configured in both sandwich and competitive formats. To operate the kit, the sample is first subjected to a short extraction step. The sample extract is then directly applied to the lateral flow device sample port, where it is allowed to migrate across the reagent zone thus enabling visualization of the Sandwich Test Line (T) and Competitive Test Line (O) results. In addition, the reagent zone includes a Procedural Control Line (C) to minimize the potential for false negative outcomes.

**Performance characteristics**

- All kits come in either a food or environmental format
- Verified to avoid cross-reactivity
- Limit of Detection: see price grid
- 1 year shelf life from date of manufacture

**Environmental Kit Test Time:**

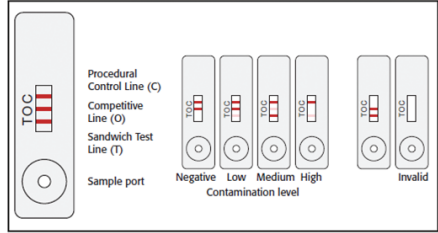
Hands on time: 5 minutes-Total test time: 20 minutes at 95°C incubation; 35 minutes at 60°C incubation

**Food Kit Test Time:**

Hands on time: 10 minutes-Total test time: 25 minutes at 95°C incubation; 35 minutes at 60°C incubation

**Additional residue kits are available by request.**


Almond, Almond Milk, Brazil Nut, Cashew, Cashew Milk, Crustacean, Hazelnut, Macadamia, Mustard, Pinenut, Pistachio, Sesame, and Walnut/Pecan.



**Interpretation of the Test**






The reagent zone contains 3 distinct print lines that must be considered in a coordinated manner when interpreting the test lines. These lines include the Sandwich Test Line (T), the Competitive Test Line (O), and the Control Line (C). The Sandwich Test Line (T) will become clearly visible at the LOD value defined for the kit and continue to strengthen in intensity with increasing target analyte concentration up to a point where it will then start to fade and eventually disappear at high analyte levels. The Competitive Test Line (O) will be intense if the sample is negative for the target analyte and fade with increasing amount of analyte, disappearing completely at high analyte levels before the Sandwich Test Line does. This feature allows the operator to distinguish between samples with none or low levels of target analyte and those with high levels. The Competitive Test Line also enables detection of target analyte that is highly hydrolyzed and poorly detected by the Sandwich Test Line. Failure of the Procedural Control Line (C) to appear denotes an invalid test, requiring repeat testing.

## AllergenControl™ LFD Detection Kits (Microbiologique)

	Item No.	Mfr. Item No.	Description	Qty.	Qty Break	Your Cost
	<b>3666-53</b>	PA-F24-10	Total Milk Lateral Flow Food Kit	10 Tests	1-5	<b>140.00</b>
			Limit of Detection (LOD), 0.1 ppm milk protein		6-7	<b>130.00</b>
					8+	<b>120.00</b>
	<b>3666-03</b>	PA-F24	Total Milk Lateral Flow Food Kit	25 Tests	1	<b>350.00</b>
		Limit of Detection (LOD), 0.1 ppm milk protein		2	<b>325.00</b>	
				3+	<b>300.00</b>	
	<b>3666-54</b>	PA-E24-10	Total Milk Lateral Flow Environment Kit, 0.01 ug milk protein/swab, 0.1 milk protein ppm (rinse water)	10 Tests	1-5	<b>140.00</b>
					6-7	<b>130.00</b>
					8+	<b>120.00</b>
	<b>3666-04</b>	PA-E24	Total Milk Lateral Flow Environment Kit, 0.01 ug milk protein/swab, 0.1 milk protein ppm (rinse water)	25 Tests	1	<b>350.00</b>
				2	<b>325.00</b>	
				3+	<b>300.00</b>	
	<b>3666-55</b>	PA-F13-10	Beta Lactoglobulin Lateral Flow Food Kit, 1 ug protein/g or 1 ppm	10 Tests	1-5	<b>140.00</b>
					6-7	<b>130.00</b>
					8+	<b>120.00</b>
	<b>3666-05</b>	PA-F13	Beta Lactoglobulin Lateral Flow Food Kit, 1 ug protein/g or 1 ppm	25 Tests	1	<b>350.00</b>
				2	<b>325.00</b>	
				3+	<b>300.00</b>	
	<b>3666-56</b>	PA-E13-10	Beta Lactoglobulin Lateral Flow Environment Kit, 0.1 ug protein/swab, 1 ppm protein (rinse water)	10 Tests	1-5	<b>140.00</b>
					6-7	<b>130.00</b>
					8+	<b>120.00</b>
	<b>3666-06</b>	PA-E13	Beta Lactoglobulin Lateral Flow Environment Kit, 0.1 ug protein/swab, 1 ppm protein (rinse water)	25 Tests	1	<b>350.00</b>
				2	<b>325.00</b>	
				3+	<b>300.00</b>	
	<b>3666-57</b>	PA-F12-10	Casein Lateral Flow Food Kit 1.0 ug protein/g or 1 ppm	10 Tests	1-5	<b>140.00</b>
					6-7	<b>130.00</b>
					8+	<b>120.00</b>
	<b>3666-07</b>	PA-F12	Casein Lateral Flow Food Kit 1.0 ug protein/g or 1 ppm	25 Tests	1	<b>350.00</b>
				2	<b>325.00</b>	
				3+	<b>300.00</b>	
	<b>3666-58</b>	PA-E12-10	Casein Lateral Flow Environment Kit 0.1 ug protein/swab, 1 ppm protein (rinse water)	10 Tests	1-5	<b>140.00</b>
					6-7	<b>130.00</b>
					8+	<b>120.00</b>
	<b>3666-08</b>	PA-E12	Casein Lateral Flow Environment Kit 0.1 ug protein/swab, 1 ppm protein (rinse water)	25 Tests	1	<b>350.00</b>
				2	<b>325.00</b>	
				3+	<b>300.00</b>	
	<b>3666-59</b>	PA-F15-10	Egg Lateral Flow Food Kit 1 ug protein/g or 1 ppm	10 Tests	1-5	<b>140.00</b>
					6-7	<b>130.00</b>
					8+	<b>120.00</b>
	<b>3666-09</b>	PA-F15	Egg Lateral Flow Food Kit 1 ug protein/g or 1 ppm	25 Tests	1	<b>350.00</b>
				2	<b>325.00</b>	
				3+	<b>300.00</b>	
	<b>3666-60</b>	PA-E15-10	Egg Lateral Flow Environment Kit 0.1 ug protein/swab, 1 ppm protein (rinse water)	10 Tests	1-5	<b>140.00</b>
					6-7	<b>130.00</b>
					8+	<b>120.00</b>
	<b>3666-10</b>	PA-E15	Egg Lateral Flow Environment Kit 0.1 ug protein/swab, 1 ppm protein (rinse water)	25 Tests	1	<b>350.00</b>
				2	<b>325.00</b>	
				3+	<b>300.00</b>	
	<b>3666-61</b>	PA-F14-10	Gluten Lateral Flow Food Kit 2 ppm gluten	10 Tests	1-5	<b>140.00</b>
					6-7	<b>130.00</b>
					8+	<b>120.00</b>
	<b>3666-11</b>	PA-F14	Gluten Lateral Flow Food Kit 2 ppm gluten	25 Tests	1	<b>350.00</b>
				2	<b>325.00</b>	
				3+	<b>300.00</b>	



**Additional residue kits are available by request.** Almond, Almond Milk, Brazil Nut, Cashew, Cashew Milk, Crustacean, Hazelnut, Macadamia, Mustard, Pinenut, Pistachio, Sesame, and Walnut/Pecan.

## AllergenControl™ LFD Detection Kits (Microbiologique)

	Item No.	Mfr. Item No.	Description	Qty.	Qty Break	Your Cost
	<b>3666-62</b>	PA-E14-10	Gluten Lateral Flow Environment Kit 0.2 ug gluten/swab, 2 ppm gluten (rinse water)	10 Tests	1-5 6-7 8+	<b>140.00</b> <b>130.00</b> <b>120.00</b>
	<b>3666-12</b>	PA-E14	Gluten Lateral Flow Environment Kit 0.2 ug gluten/swab, 2 ppm gluten (rinse water)	25 Tests	1 2 3+	<b>350.00</b> <b>325.00</b> <b>300.00</b>
	<b>3666-63</b>	PA-F01-10	Peanut Lateral Flow Food Kit 1.0 ug protein/g or 1 ppm	10 Tests	1-5 6-7 8+	<b>140.00</b> <b>130.00</b> <b>120.00</b>
	<b>3666-13</b>	PA-F01	Peanut Lateral Flow Food Kit 1.0 ug protein/g or 1 ppm	25 Tests	1 2 3+	<b>350.00</b> <b>325.00</b> <b>300.00</b>
	<b>3666-64</b>	PA-E01-10	Peanut Lateral Flow Environment Kit 0.1 ug protein/swab, 1 ppm protein (rinse water)	10 Tests	1-5 6-7 8+	<b>140.00</b> <b>130.00</b> <b>120.00</b>
	<b>3666-14</b>	PA-E01	Peanut Lateral Flow Environment Kit 0.1 ug protein/swab, 1 ppm protein (rinse water)	25 Tests	1 2 3+	<b>350.00</b> <b>325.00</b> <b>300.00</b>
	<b>3666-65</b>	PA-F11-10	Soy Lateral Flow Food Kit 1.0 ug protein/g or 1 ppm	10 Tests	1-5 6-7 8+	<b>140.00</b> <b>130.00</b> <b>120.00</b>
	<b>3666-15</b>	PA-F11	Soy Lateral Flow Food Kit 1.0 ug protein/g or 1 ppm	25 Tests	1 2 3+	<b>350.00</b> <b>325.00</b> <b>300.00</b>
	<b>3666-66</b>	PA-E11-10	Soy Lateral Flow Environment Kit 0.1 ug protein/swab, 1 ppm protein (rinse water)	10 Tests	1-5 6-7 8+	<b>140.00</b> <b>130.00</b> <b>120.00</b>
	<b>3666-16</b>	PA-E11	Soy Lateral Flow Environment Kit 0.1 ug protein/swab, 1 ppm protein (rinse water)	25 Tests	1 2 3+	<b>350.00</b> <b>325.00</b> <b>300.00</b>
	<b>3666-67</b>	PA-F28-10	Soy Milk Lateral Flow Food Kit 1 ug protein/g or 1 ppm	10 Tests	1-5 6-7 8+	<b>140.00</b> <b>130.00</b> <b>120.00</b>
	<b>3666-17</b>	PA-F28	Soy Milk Lateral Flow Food Kit 1 ug protein/g or 1 ppm	25 Tests	1 2 3+	<b>350.00</b> <b>325.00</b> <b>300.00</b>
	<b>3666-68</b>	PA-E28-10	Soy Milk Lateral Flow Environment Kit 0.1 ug protein/swab, 1 ppm protein (rinse water)	10 Tests	1-5 6-7 8+	<b>140.00</b> <b>130.00</b> <b>120.00</b>
	<b>3666-18</b>	PA-E28	Soy Milk Lateral Flow Environment Kit 0.1 ug protein/swab, 1 ppm protein (rinse water)	25 Tests	1 2 3+	<b>350.00</b> <b>325.00</b> <b>300.00</b>
	<b>3666-69</b>	PA-F04-10	Coconut Lateral Flow Food Kit 1.0 ug protein/g or 1 ppm	10 Tests	1-5 6-7 8+	<b>140.00</b> <b>130.00</b> <b>120.00</b>
	<b>3666-19</b>	PA-F04	Coconut Lateral Flow Food Kit 1.0 ug protein/g or 1 ppm	25 Tests	1 2 3+	<b>350.00</b> <b>325.00</b> <b>300.00</b>
	<b>3666-70</b>	PA-E04-10	Coconut Lateral Flow Environment Kit 0.1 ug protein/swab, 1 ppm protein (rinse water)	10 Tests	1-5 6-7 8+	<b>140.00</b> <b>130.00</b> <b>120.00</b>
	<b>3666-20</b>	PA-E04	Coconut Lateral Flow Environment Kit 0.1 ug protein/swab, 1 ppm protein (rinse water)	25 Tests	1 2 3+	<b>350.00</b> <b>325.00</b> <b>300.00</b>

**Additional residue kits are available by request.** Almond, Almond Milk, Brazil Nut, Cashew, Cashew Milk, Crustacean, Hazelnut, Macadamia, Mustard, Pinenut, Pistachio, Sesame, and Walnut/Pecan.

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	Item No.	Mfr. Item No.	Description	Qty.	Qty Break	Your Cost
	3666-71	PA-F29-10	Coconut Milk Lateral Flow Food Kit 1 ug protein/g or 1 ppm	10 Tests	1-5	<b>140.00</b>
					6-7	<b>130.00</b>
					8+	<b>120.00</b>
	3666-21	PA-F29	Coconut Milk Lateral Flow Food Kit 1 ug protein/g or 1 ppm	25 Tests	1	<b>350.00</b>
					2	<b>325.00</b>
					3+	<b>300.00</b>
	3666-72	PA-E29-10	Coconut Milk Lateral Flow Environment Kit, 0.1 ug protein/swab, 1 ppm protein (rinse water)	10 Tests	1-5	<b>140.00</b>
					6-7	<b>130.00</b>
					8+	<b>120.00</b>
	3666-22	PA-E29	Coconut Milk Lateral Flow Environment Kit, 0.1 ug protein/swab, 1 ppm protein (rinse water)	25 Tests	1	<b>350.00</b>
					2	<b>325.00</b>
					3+	<b>300.00</b>
	3666-73	PA-F43-10	M-Gluten Lateral Flow Food Kit 1 ug protein/g or 1 ppm	10 Tests	1-5	<b>140.00</b>
					6-7	<b>130.00</b>
					8+	<b>120.00</b>
	3666-23	PA-F43	M-Gluten Lateral Flow Food Kit 1 ug protein/g or 1 ppm	25 Tests	1	<b>350.00</b>
					2	<b>325.00</b>
					3+	<b>300.00</b>
	3666-74	PA-E43-10	M-Gluten Lateral Flow Environment Kit, 0.1 ug protein/swab, 1 ppm protein (rinse water)	10 Tests	1-5	<b>140.00</b>
					6-7	<b>130.00</b>
					8+	<b>120.00</b>
	3666-24	PA-E43	M-Gluten Lateral Flow Environment Kit, 0.1 ug protein/swab, 1 ppm protein (rinse water)	25 Tests	1	<b>350.00</b>
					2	<b>325.00</b>
					3+	<b>300.00</b>

**Additional residue kits are available by request.** Almond, Almond Milk, Brazil Nut, Cashew, Cashew Milk, Crustacean, Hazelnut, Macadamia, Mustard, Pinenut, Pistachio, Sesame, and Walnut/Pecan.

### AllergenControl™ Test Kits additional equipment required but not supplied:

#### Environmental tests

**Vortex style mixer:** Weber #3067-83 - Page 24

**Pipettor and tips (100 and 1000 µL):** Pages 106-111

**Water bath (60 or 95°C):** Page 26-27

**Timer:** Page 232-234

**Centrifuge ~2,000 g:** Weber 3111-00. 8 tube capacity. Page 23 (optional)

**pH strips or pH meter:** Page 132

**pH adjustment solutions:** Weber 3006-30 in NaOH, 1 liter. Page 71

#### Food tests

**Grinding or milling device (for solid samples):** Weber #3061-80 Page 22

**Mortar and Pestle:** Weber 3061-91 Page 105

**Vortex style mixer:** Weber #3067-83 - Page 24

**Pipettor and tips (100 and 1000 µL):** Pages 106-111

**Water bath (60 or 95°C):** Page 26-27

**15 mL polypropylene centrifuge tubes:** Weber #3014-01 Page 91

**Timer:** Page 232-234

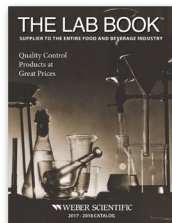
**Centrifuge ~2,000 g:** Weber 3111-05. 8 tube capacity. Fits between 5 and 15 mL tubes. Page 22

**pH strips or pH meter:** Page 132

**pH adjustment solutions:** Weber 3006-30 1N NaOH, 1 LITER, Page 71

**Balance with 0.1g accuracy:** Page 28-30

For M-Gluten test accessories visit [weberscientific.com](http://weberscientific.com)



Find these items in the new Weber Scientific product catalog or online at [weberscientific.com](http://weberscientific.com)

# ORDERING INFORMATION



## How to Order



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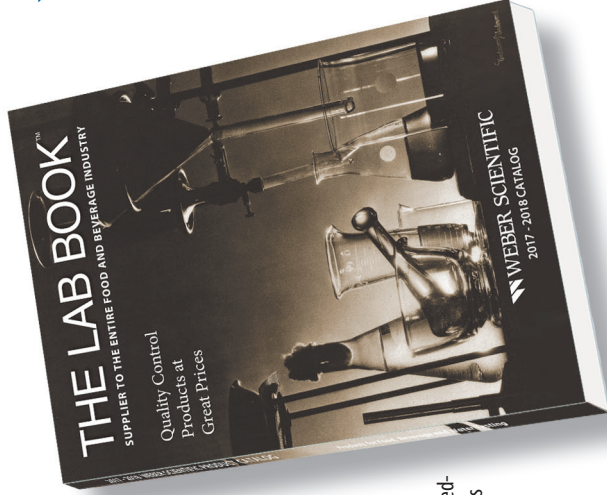
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