

The 3M™ Clean-Trace™ Surface Protein (Allergen) test is a sensitive protein detection swab, with a detection limit of approximately 3µg total protein (using Bovine Serum Albumin as control). The absolute limit will vary with the protein composition of samples tested.

The list of allergens tested by the 3M Clean-Trace Surface Protein (Allergen) Test Kit are listed below. **There is no all-inclusive list of allergens tested.** The test detects proteins rather than specific allergens. If the allergen contains protein, it will likely be detected by the 3M Clean-Trace Surface Protein (Allergen) -- formerly Aller-Tect product.

NOTE: This test kit requires the use of a 3M™ Digital Heating Block. (See solution documents [PSD29403](#) or [PSD53042](#) for more information on the Digital Heating Block.)

Allergenic Product	Detection Limit (µg protein)	Reference Material	
		Material Used	Protein Content (%)
Egg	10-20µg	NIST SRM8415 Whole egg powder	30
Milk	10-20µg	NIST SRM8435 Whole milk powder	25.9
Peanut	25-50µg	NIST SRM2387 Peanut butter	22.2
Gluten	40µg	Gluten flour (locally sourced)	~83
Soy	20-40µg	Soy flour (locally sourced)	~46.5
Almond	20-40µg	Whole almond (locally sourced)	~19.5
Buckwheat	20-40µg	Buckwheat flour (locally sourced)	~13