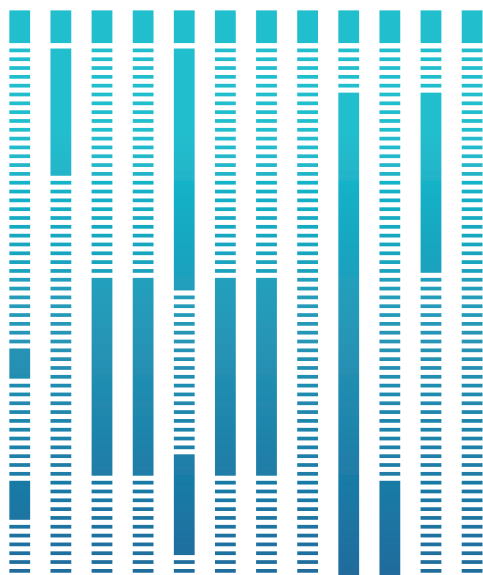


SGTi

Allergy Screen PLUS+



SGTi Allergy Screen PLUS+



120 Allergens

Processing up to 120 types of allergens at once



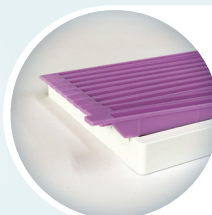
LOT management

Efficient and systematic LOT-based quality management system through QR code (Patent KR 10-2241251)



Various packaging sets

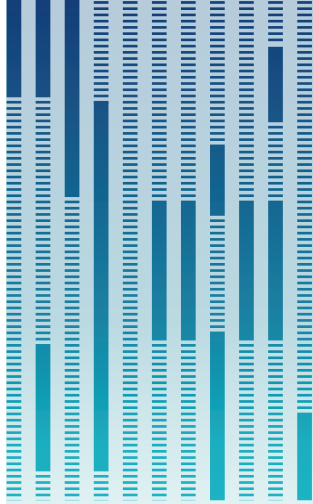
Custom packagings available such as 12T/24T/60T



Stability & Convenience

Fast and easy strip installation
User-centered reliable testing environment

Product	SGTi-Allergy Screen PLUS+
Test principal	Multiple Allergen Simultaneous Test (Line immunoassay)
Panel	120 allergens (1 strip)
Sample volume	150 μ l
Sample type	Serum or Plasma
Processing time	~ 3.5 hours (60 strips)
Storage	2 ~ 8°C
Expiration	24 months
Test/Kit	12, 24, 60 tests / 1 kit
Kit components	<ul style="list-style-type: none"> • Test strip • Test ID QR code • 5 kinds of test solution (Sample Diluent, Antibody, Enzyme, Substrate, Washing)
Analytic device	S-Blot 3 PLUS, S-Blot 2 Easy PLUS



S-Blot 3 PLUS

A new dimension of reliable automation system

High Throughput



Fully automated analysis system capable of testing up to 60 samples per session (Patent KR 10-2175186)

High Efficiency & Stability



Function to maintain strip temperature ensuring stable test results and high-performance liquid handling technology (Patent Application 10-2021-0193129)

High Accuracy & Sensitivity



Securing accuracy and sensitivity through an independent analysis algorithm

User-Friendly Interface



User-centric software, one-click LIS integration, one-touch easy strip installation

Product	S-Blot 3 PLUS
Throughput	Max. 60 samples
Processing time	~ 3.5 hours (60 strips)
Analysis module	High Resolution Camera (Software dedicated to multi-band analysis)
Incubation	Rocking / Heating (Temperature maintenance)
Drying method	Heater with blower fan
Main features	<ul style="list-style-type: none"> • Auto hold door adjusted to user height • Optical calibration through reference strip • Auto-cleaning function
Test environment (temperature, humidity)	15 to 40°C, <80%
Power (Supply, Main fuses, Consumption)	AC 100-240V, 250V / 4.5A, 400W
Operating System	Window 10 64bit or more, at least 4 GB, at least 250 GB Hard disk
Dimensions (mm)	980(W) x 650(D) x 610(H)
Weight (kg/lbs)	80kg / 176lbs

S-Blot 2 Easy PLUS

Ultra-compact automation system



Compact

A compact all-in-one system the size of one laptop (width 42cm)



Low Cost & Efficiency

Optimized testing method for small to medium-sized hospitals (capable of small-volume testing)



Convenient

User-centric designed software














Fast & Easy

Reduced processing time (within 3 hours).

Convenient usability

Product	S-Blot 2 Easy PLUS
Throughput	Max. 12 samples
Test time	~ 3 hours (12 strips)
Analysis module	High Resolution Camera (Software dedicated to multi-band analysis)
Incubation	Rocking / Heating (Temperature maintenance)
Drying method	Heater with blower fan
Main features	<ul style="list-style-type: none">• Optical calibration through reference strip• Auto-cleaning function• Convenient user interface
Power (Supply, Main fuses, Consumption)	AC 100-240V, 250V / 4.5A, 300W
Operating System	Window 10 64bit or more, at least 4 GB, at least 250 GB Hard disk
Dimensions (mm)	424(W) x 521(D) x 442(H)
Weight (kg/lbs)	23kg / 50.7lbs

Panel Information 120 Types of Allergens

Category	Allergen	Code	Category	Allergen	Code	Category	Allergen	Code		
Mites 	Total IgE	tIgE	Grass 	Sweet vernal grass	G1	Vegetables 	Tomato	F25		
	House dust mite (Dp)	D1		Bermuda grass	G2		Carrot	F31		
	House dust mite (Df)	D2		Orchard grass	G3		Potato	F35		
	Acarus siro	D70		Timothy grass	G6		Garlic	F47		
	Storage mite (Tp)	D72		Common reed	G7		Onion	F48		
Dust	House dust	H1		Redtop, Bent grass	G9		Celery	F85		
				Rye(Pollen)	G12		Cucumber	F244		
Animal Proteins & Epidermal 	Cat	E1		Weed 	Ragweed, common		W1	Meat 	Pork	F26
	Dog	E5			Ragweed, false		W4		Beef	F27
	Horse	E3			Mugwort		W6		Chicken	F83
	Guinea pig	E6			Oxeye daisy	W7	Lamb		F88	
	Mouse	E71			Dandelion	W8	Fruits 		Orange	F33
	Rat	E73	English Plantain		W9	Coconut			F36	
	Sheep	E81	Goosefoot, Lamb's quarters		W10	Strawberry		F44		
	Rabbit	E82	Russian thistle		W11	Apple		F49		
	Hamster	E84	Goldenrod		W12	Kiwi		F84		
Bee venom	Honey bee	I1	Cocklebur		W13	Mango		F91		
	Yellow jacket, wasp	I3	Pigweed		W14	Banana	F92			
Insect	Cockroach	I6	Japanese hop		W22	Cacao	F93			
					Peach	F95				
Latex	Latex	K82	Others	CCD	O214	Seeds & Nuts & Legumes 	Wheat	F4		
	Micro-organisms 	Penicillium notatum		M1	Food others		Yeast, baker	F45	Rice	F9
Cladosporium herbarum		M2	Egg & Poultry & Dairy	Egg Yolk			F75	Maize	F8	
Aspergillus fumigatus		M3		Egg White			F1	Barley	F6	
Candida albicans		M5		Milk	F2		Buckwheat	F11		
Alternaria alternata		M6	Crustacean	Cheddar cheese	F81		Sesame	F10		
Rizopus nigricans		M11		Crab	F23		Peanut	F13		
Tree 	Alder	T2		Shrimp	F24		Soy bean	F14		
	Birch	T3	Lobster	F80	White bean		F15			
	Hazel	T4	Seafood 	Codfish	F3		Hazelnut	F17		
	Oak White	T7		Blue mussel	F37		Brazil nut	F18		
	Elm	T8		Tuna	F40		Almond	F20		
	Olive tree	T9		Salmon	F41	Cashew nut	F202			
	Sycamore	T11		Mackerel	F206	Pistachio	F203			
	Goat willow	T12		Clam	F207	Pine nut	F253			
	Cottonwood	T14		Squid	F258	Walnut	F256			
	Ash tree	T15		Plaice	F254	Sweet chestnut	F299			
	Pine	T16		Oyster	F290	Macadamia nut	F345			
	Japanese cedar	T17		Anchovy	F313	Sunflower seed	K84			
	Acacia	T19		Scallop	F338					
	Cypress	T222								

SUGENTECH

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Total platform leader



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Lab Test

Multiplex Immunoblot Assay



POC Test

Point-of-Care Test
for Multiplex Parameters



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