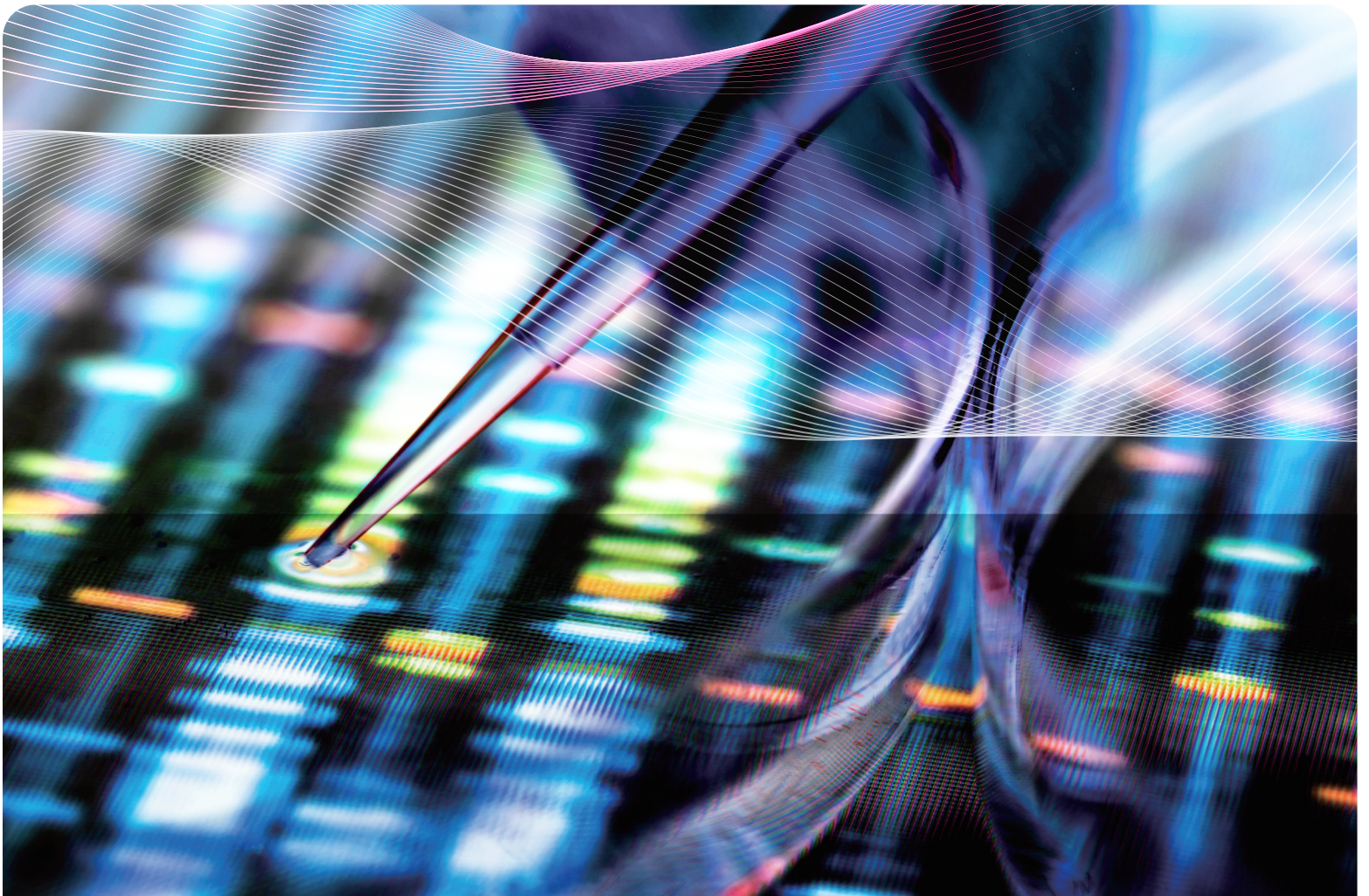


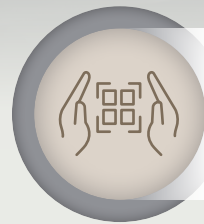
SGTi

Human Allergy Line-up





Detects up to 120 allergens
in a single test



Efficient and systematic Lot-level
quality control using a QR barcode
system (Patent: KR 10-2241251)



Customizable formats
12T/24T/60T



Easy and secure strip loading
for stable testing

Panel Information 120 AllergensHuman Allergy | 3

SGTi Allergy PLUS 60



IVD License No. 25-4431

SGTi-Allergy PLUS 60 is an immunoblotting in vitro diagnostic medical device for semi-quantitative determination of allergen-specific immunoglobulin E (IgE) and component antigens in human serum or plasma (Li-Heparin, Na-Citrate), as well as total IgE, enabling evaluation of individual sensitization patterns to assist in providing precise diagnosis.



Small sample volume (150 µl)
Reduced burden for pediatric testing



Automated analysis
Easy Slim Strip & fully or semi-automated processing



High coverage of 60 common allergens
Inhalant and food panels included

Principle	Multiple Allergen Simultaneous Test (Line Immuno-assay)
Number of Allergens	60
Sample Volume	150 µl
Sample Type	Serum or plasma (Li-Heparin, Na-Citrate)
Assay Time	Up to 3 hours
Storage Temperature	2 ~ 8 °C
Shelf Life	24 months
Packaging Unit	Varies by country
Kit Components	• Test strip • Test ID QR code • 5 kinds of test solution (Sample Diluent, Antibody, Enzyme, Substrate, Washing)
Compatible Analyzer	S-Blot 3 PLUS, S-Blot 2 Easy PLUS

Panel Information 60 Allergens



Category	SGTi-Allergy PLUS (Primary Diagnosis)	SGTi-Allergy PLUS 60	Category	SGTi-Allergy PLUS (Primary Diagnosis)	SGTi-Allergy PLUS 60
Seed Nuts 	Wheat flour	Gluten	Dairy 	Milk (or Cheese)	Bos d 4 (α -lactalbumin)
	Peanut	Ara h 1 (Storage Protein)			Bos d 5 (β -lactogloblin)
		Ara h 2 (Storage Protein)			Bos d 6 (BSA, Serum Albumin)
		Ara h 3 (Storage Protein)			Bos d 8 (Casein)
		Ara h 8 (PR-10)			Goat milk
		Ara h 9 (LTP)			Heated milk
	Walnut	Jug r 1 (Storage protein)			Animals 
Hazelnut	Jug r 3 (LTP)	Cat	Fel d 1		
	Cor a 8 (LTP)		Cow dander		
Fruits 	Peach	Pru p 1 (PR-10)	Insects		Chicken feather
		Pru p 3 (LTP)			
		Pru p 4 (Profilin)			
		Apricot		Mosquito	
	Avocado			Cockcoach (American)	
	Grapes		Bee Venom 	Bee venom	Api m 1
	Watermelon			Wasp venom	Ves v 5
	Pear		Mites 	Dermat	Der p 1
	Grapefruit				Der p 2
	Honeydew melon				
	Vegetables 		Lemon	Microorganisms 	Alternaria
			Aspergillus		Asp f 3
Pea			Trees 	Birch	Bet v 1 (PR-10)
Sweet potato					Eucalyptus
Cabbage			Grasses 	Timothy	Phl p 1
Paprika					Phl p 12 (Profilin)
Broccoli	Rye grass				
Sea foods 	Shrimp	Pen a 1 (Tropomyosin)	Weeds 		Kentucky bluegrass
	Herring			Nettle	
	Octopus			Wall pellitory	

SGTi Food Check IgG



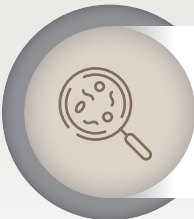
IVD License No. 24-569

SGTi-Food Check IgG is an in vitro diagnostic medical device that analyzes various food-specific IgG antibodies present in human serum or plasma using the enzyme immunoblotting method. It quantitatively measures IgG antibodies for 90 commonly consumed foods, helping identify foods that may not suit an individual and supporting healthier dietary management.



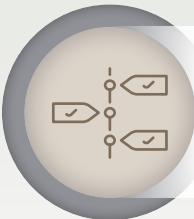
Detection of food intolerance causes

IgG testing for inflammation prevention



Smart Eating Choices

Identify causes of delayed hypersensitivity



90 Food Panel Test

Measures specific IgG antibody levels for 90 common allergens

Feature	Specification
Principle	Multiple Allergen Simultaneous Test (Line Immuno-assay)
Number of Allergens	90
Sample Volume	50 µl
Sample Type	Serum or plasma
Assay Time	Up to 2.5 hours
Storage Temperature	2 ~ 8 °C
Shelf Life	24 months
Packaging Unit	24 tests/kit, 60 tests/kit
Kit Components	• Test strip • Test ID QR code • Four reagents (Sample Diluent, Antibody/Enzyme, Substrate, Washing)
Compatible Analyzer	S-Blot 3 PLUS, S-Blot 2 Easy PLUS

Panel Information 90 Allergens

Category	Allergen	Category	Allergen	Category	Allergen
Grains, Seeds & Nuts 	Gluten	Vegetables 	Radish	Beans, Dairy, Egg, Meat 	Casein
	Wheat		Cabbage		Milk
	Oats		Chili pepper		Yogurt
	Rye		Lettuce		Cheese
	Barley		Cucumber		Goat milk
	Rice		Carrot		Soybean
	Buckwheat		Spinach		Pea
	Corn		Onion		Mung bean
	Peanut		Eggplant		Pork
	Walnut		Pumpkin		Chicken
	Pine nut		Sweet potato		Duck
	Chestnut		Potato		Lamb
	Sesame		Cabbage		Quail egg
	Almond		Mushroom		Egg white
	Sunflower seed		Tomato		Egg yolk
	Pistachio				Beef
Fruits 	Apple	Sea foods 	Anchovy	Others 	Garlic
	Pear		Mackerel		Ginger
	Peach		Herring		Cinnamon
	Strawberry		Tuna		Curry
	Grape		Salmon		Mustard
	Watermelon		Cod		Honey
	Banana		Flatfish		Sugar
	Orange		Eel		Coffee
	Kiwi		Squid		Green tea
	Pineapple		Octopus		Chocolate
	Grapefruit		Crab		Pepper
	Melon		Shrimp		<i>Streptococcus thermophilus</i>
	Mango		Lobster		Candida
	Lemon		Oyster		
	Olive		Mussel		



S-Blot 3 PLUS

A new dimension of reliable automation system

High Throughput

An electronic analysis system capable of testing up to 60 samples at once (Patent: KR 10-2175186)



High Efficiency & Stability

Maintains strip temperature and ensures reliable test results via advanced liquid handling technology (Patent application 10-2021-0193129)

High Accuracy & Sensitivity

Delivers precise results through accurate analysis algorithm



User-Friendly Interface

Intuitive software, LIS connectivity, and easy strip loading

Product Name	S-Blot 3 PLUS
Sample Capacity	Up to 60 samples
Test Time	~ 3.5 Hours (Per 60 strips)
Analysis Module	High Resolution Camera (Dedicated Multiband Analysis Software)
Incubation	Rocking/Heating (Constant Temperature Maintenance)
Key Features	• Auto hold door adjustable to user height • Auto-clean
Operating Conditions (Temperature & Humidity)	15 to 40°C, <80%
Supply, Main fuses, Consumption	AC 100-240V, 250V/4.5A, 400W
PC Specifications	Windows 10, 32 bit or more, at least 8 GB RAM, at least 240 GB HDD
Dimensions(W × D × H mm)	968 × 616 × 609
Weight (kg)	80

S-Blot 2 Easy PLUS

Ultra - compact "Semi-automation" system



IVD License No. 23-1729

Compact

Ultra-compact, space saving, all-in-one system (42 cm wide)



Low Cost & Efficiency

Optimized for testing in small- and medium-sized hospitals (low-volume testing)

Convenient

User-centric software support



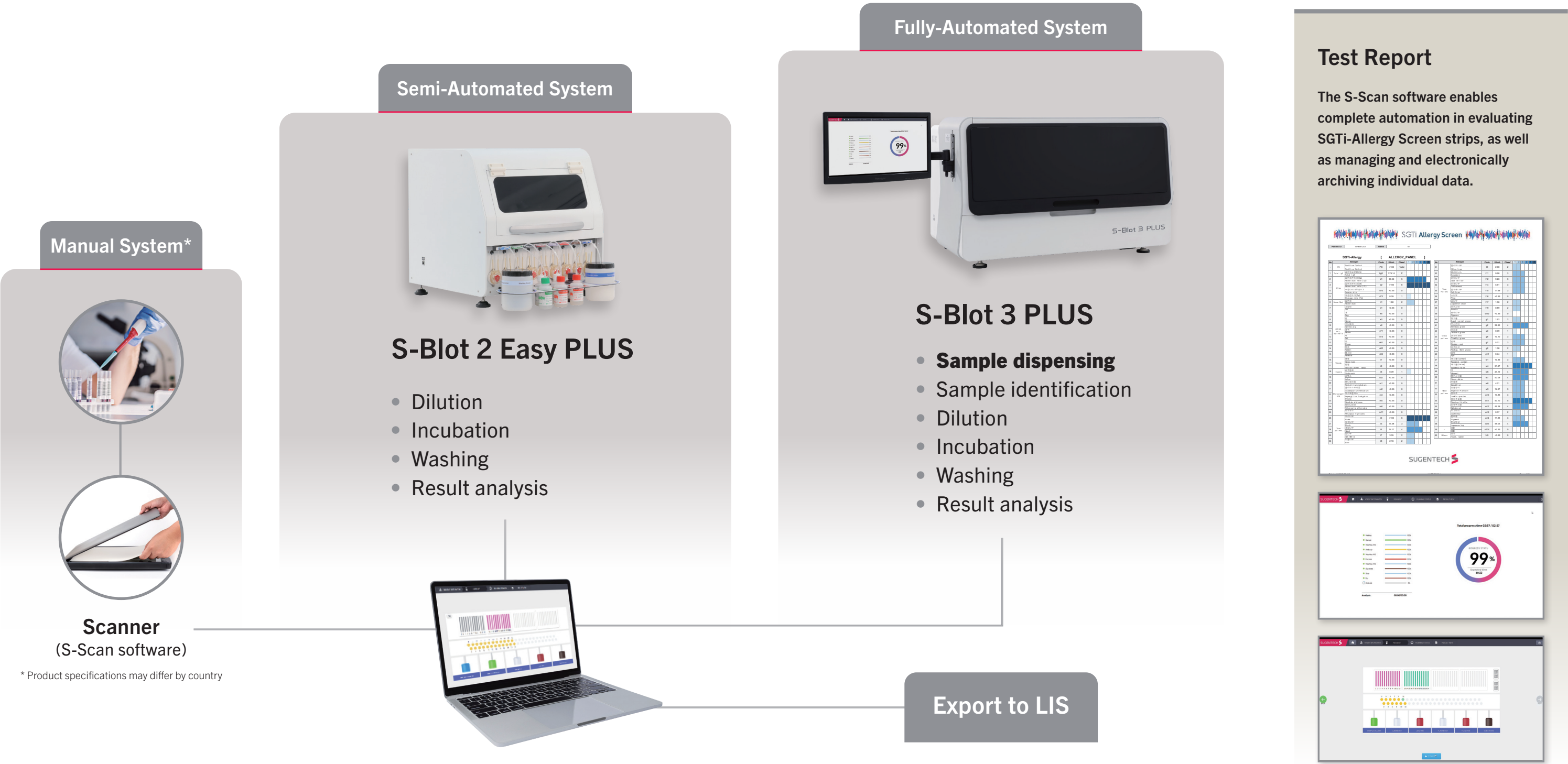
Fast & Easy

Reduced testing time (within 3 hours)
User-friendly

Product Name	S-Blot 2 Easy PLUS
Sample Capacity	Up to 12 samples
Test Time	~ 3 Hours (Per 12 strips)
Analysis Module	High Resolution Camera (Dedicated Multiband Analysis Software)
Incubation	Rocking/Heating (Constant Temperature Maintenance)
Key Features	• Auto-clean • User Friendly Interface
Supply, Main fuses, Consumption	AC 100-240V, 250V/4.5A, 300W
PC Specifications	Windows 10, 32 bit or more, at least 4 GB RAM, at least 100 GB HDD
Dimensions (W × D × H mm)	424 × 521 × 442
Weight (kg)	23

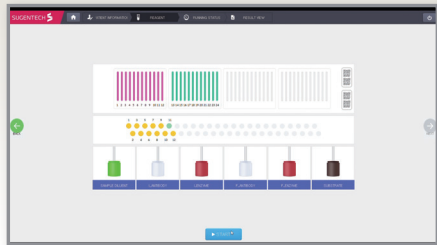
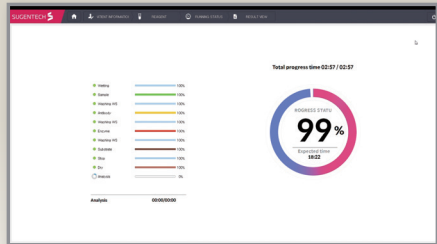
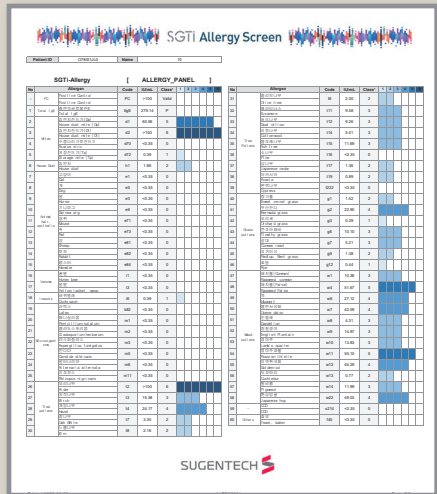
SGTi-Allergy Screen Flow Chart

The SGTi-Allergy Screen provides a variety of processing options including semi-automated and fully-automated devices. Both devices offer bidirectional communication with the SGTi-Allergy Screen software or Laboratory Information System (LIS) to enable data import and export.



Test Report

The S-Scan software enables complete automation in evaluating SGTi-Allergy Screen strips, as well as managing and electronically archiving individual data.



SUGENTECH

Global In-vitro Diagnostic
Total Platform Leader



LAB TEST

Multiplex Immunoblot Assay



POC TEST

Point-Of-Care Test
for Multiplex Parameters



DIGITAL HEALTHCARE

Mobile Integrated
Personal Healthcare



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