

DIAGNOSTIC PRODUCTS

PRODUCT CATALOGUE

MedBlue **Allergy**

Asistan Medical, type-1 allergens diagnostic and diagnostic purposes in the management specializes in providing products.

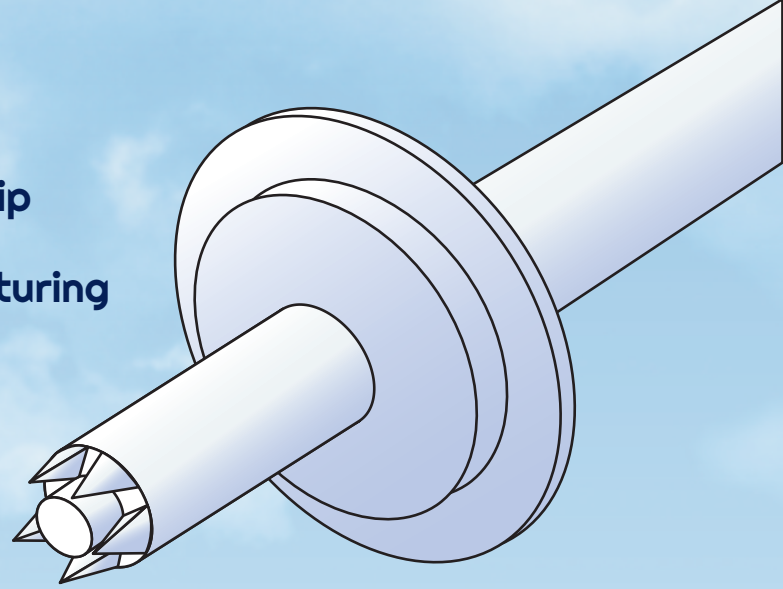
Research - Development
Production - Quality Control
Marketing - Sales
Logistics - Administration



Medblue – SKIN PRICK TEST APLİKATÖRÜ

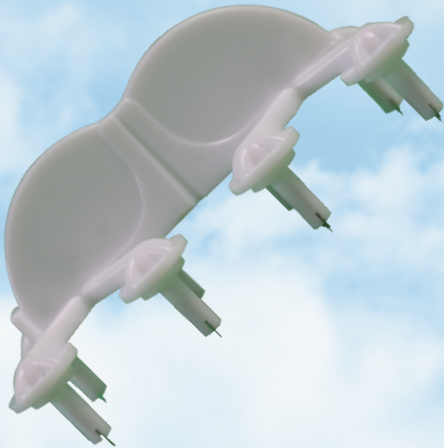
Depth Control Skin Test Applicator

- ◆ Sharper and smaller prick needle-tip
- ◆ Stopper to prevent excessive puncturing
- ◆ Designed cap to prevent contamination and evaporation
- ◆ Test depth, by checking repeatable application. excellent design that increases accuracy
- ◆ Stopper limiting drilling
- ◆ sterile and disposable
- ◆ Highly effective in bringing out the cytophilic IgE in mastcells
- ◆ Detachable desing based on the number of tests applied (2-4-6-8-10-12)

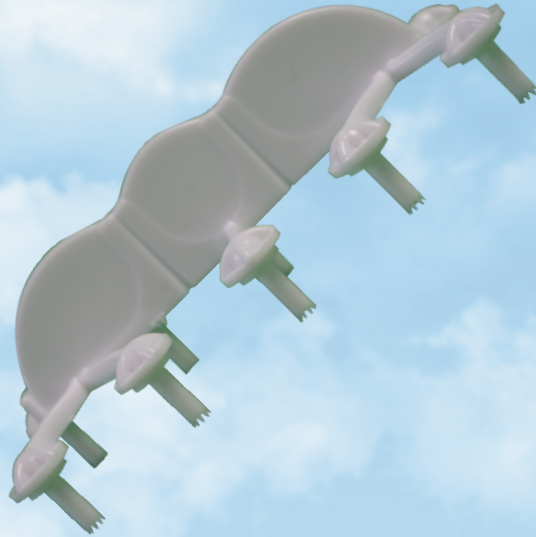


FAST, EASY, RELIABLE AND HIGH QUALITY

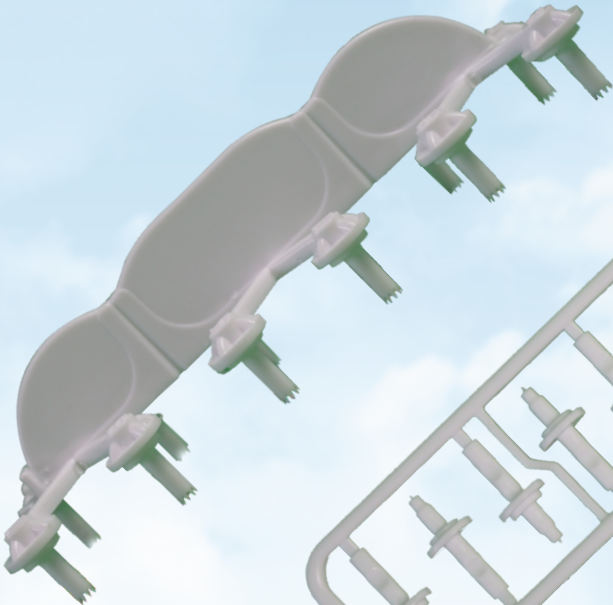
medblue® 8



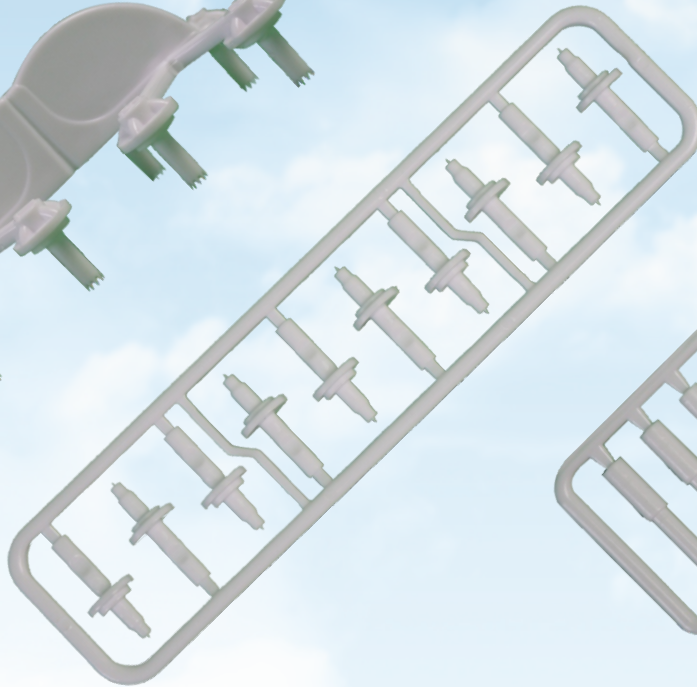
medblue® 10



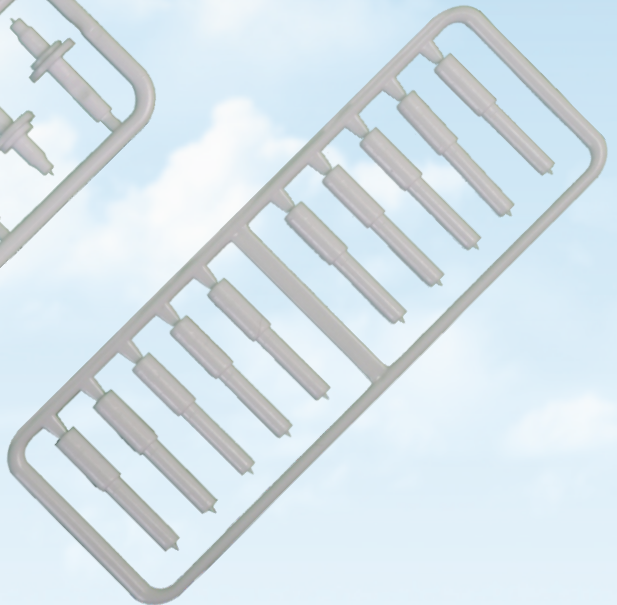
medblue® 12



medblue® One Finger



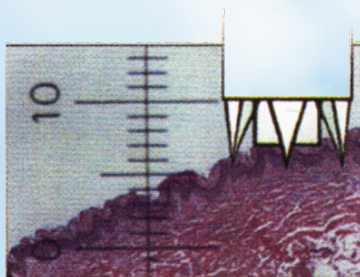
medblue® ONE



The skin prick test.. skin tests can provide useful confirmatory evidence of sensitization to a specific allergen and they are simple, quick to perform however when improperly performed, can lead to false-positive or false-negative results or even to anaphylaxis.. That's why we - depending on the needs of allergists- created the prick applicator with a ledge right in the middle of needle tip acting as a stopper to prevent excessive and incorrect puncturing while providing a correct depth of 0,3 - 0,4mm where epidermis is layered in the skin above the mast cells



Fig. 1
The thickness of skin epidermis



Medblue System used in human skin test

Fig. 2
Medblue - Test system used in human skin

MedBlue -Test Contains

1. MedBlue skin testing device lets you apply multiple allergens at once onto skin

MedBlue MetalNeedle

MedBlue One

MedBlue 8

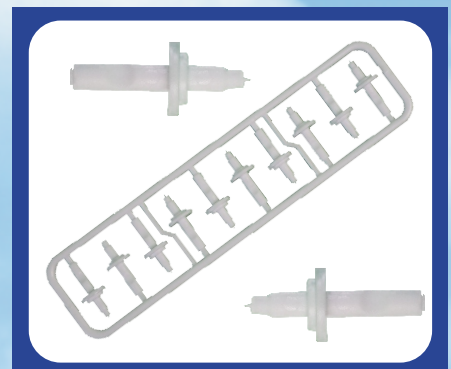
MedBlue 10

MedBlue 12



METAL TYPE NEEDLE

2. MedBlue One lanset



3. MedBlue allergen reservoirs



4. MedBlue allergen tray



5. MedBlue Allergic Reaction Reading Ruler



INSTRUCTION

1. Unpack the sterile medblue allergen reservoirs and place them on the medblue tray, and write down the name of allergens in the numbered boxes in order with the places of allergens on tray



2. Allergenic extracts are written down in alphabetical order as A to B



3. Allergens are dissolved in physiological saline which contains %50 glycerin added with %4 phenol which prevents the growth of microorganisms and contains the concentration of protein between 4000-6000 PNU/M and 8.55-9.45 g/l Natriumchlorid 1.8-2.2 g/l Phenol



4. Allergens are carefully dropped into reservoirs by using droppervials . and each reservoirs can contain upto 3-4 drops of allergen which can be sufficient for 100 patients



5. Unpack the Medblue skin prick test applicator and place it into the reservoirs on the tray with the consideration of the numbers on the prick device matching with the numbers of the allergen on tray; this numeric guidance will allow you not to mix up the allergen order and make sure you placed the prick tightly so that no allergen evaporation occurs.



6 .For a smooth placement of the prick device into the reservoirs tray..we recommend you to place first two frontal legs first then the rest of the legs will land into tray accordingly



As seen on the photo shown; you can start the application once the allergens transferred onto the legs of prick test device

7. Wipe the lower-inside or back area of the patient's head with alcohol and allow it to air dry.



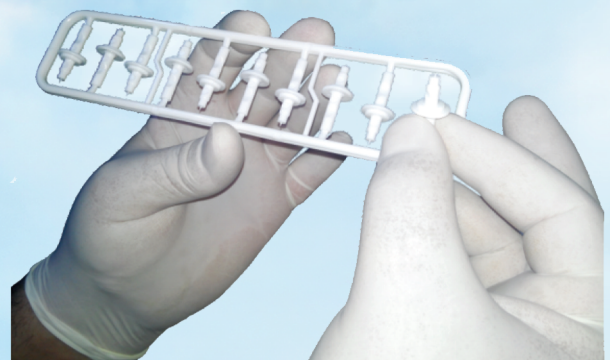
8. Place the prick test device onto tight skin and apply a constant pressure of few seconds to make sure you deliver the allergens under the skin.. With the help of our designed prick test device you will never overpuncture any skin



9. Wait around 17mins after the application's performed then measure the reaction with the use of Medblue Reaction Reading Ruler



10. If desired, Medblue one lancet can be used with all those components as well



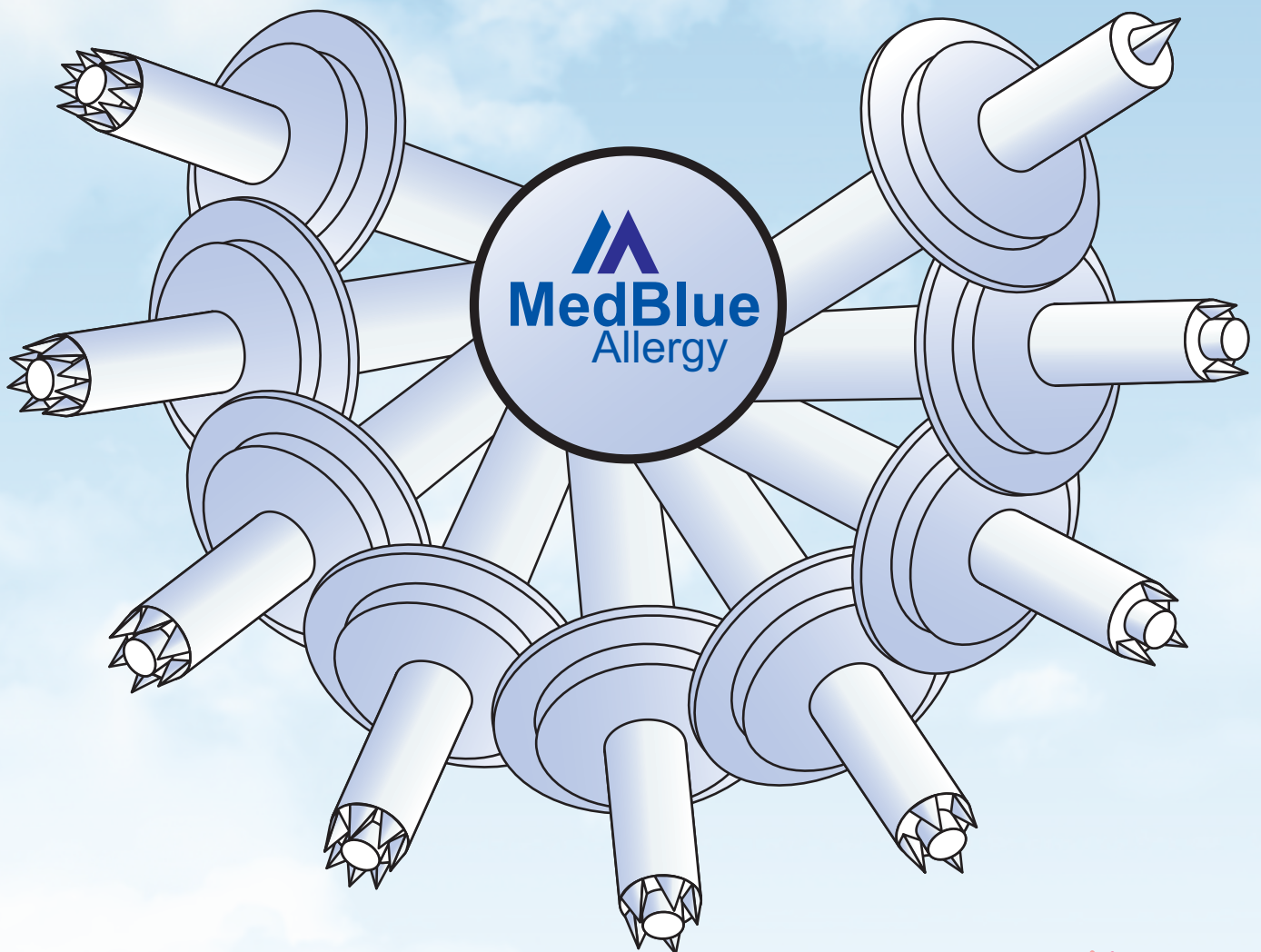
MedBlue®- SKIN PRICK TEST APPLICATOR

ADVANTAGES OF USE

- ◆ Option of plastic or stainless steel needle-tip prick applicator
- ◆ Detachable desing based on the number of tests applied (2-4-6-8-10-12)
- ◆ Holding allergens with static electricity
- ◆ Minumum pain
- ◆ Minumum allergen usage
- ◆ Sharper and smaller prick needle tip
- ◆ Stoper to prevent excessive puncturing
- ◆ Designed cap to prevent contamination and evaportation
- ◆ Smaller surface on needle tip to reduce the usage of excessive allergen
- ◆ Highly effective in bringing out the cytophilic IgE in mastcells
- ◆ A great desing to increase the repeatable accuracy of the application by the help of depth-controlled feature
- ◆ Sterile and single-use(EO or Gamma)
- ◆ A distance of 30-20 mm between the each leg of prick applicator in order to prevent it from mixing up with the other allergens next to eachother

LET'S MEET AT THE RIGHT POINT

Following..



MedBlue® SKIN PRICK TEST APPLICATION

Allergenic Extract

Breathing Panel	A	Food Panel	A
Tree Mix I	Mb221	Chicken meat	Mb851
Tree Mix II	Mb222	Fish Meat	Mb859
Grasses Mix	Mb113	Egg whites	Mb846
Weed Mixture	Mb130	Egg yolk	Mb847
Crealeas Mix	Mb112	Cow milk	Mb868
House Dust Mite I D. Farinea	Mb302	Cocoa Chocolate	Mb833
House Dust Mite II D. Pteranyssinus	Mb303	Peanut	Mb844
Cat Epithelium	Mb501	Hazelnut	Mb831
Dog Epithelium	Mb502	soya	Mb822
Cockroach (German)	Mb509	Strawberry	Mb829
Mold Mixture I	Mb406	Peach	Mb843
Mold Mixture II	Mb407	Grain Mixture	Mb858

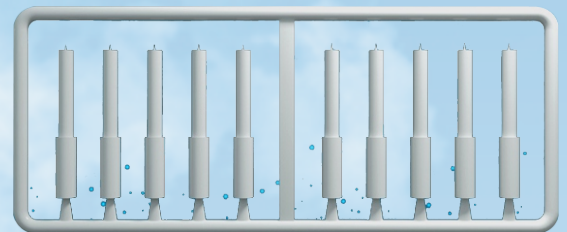
Histamine (Positive Control)

Saline (Negative Control)



Med Blue One With Ease Live..

(Finger Type)



(Standart Type)

DISPOSABLE STERILE NEEDLES:

- ◆ Sterile needles gamma or EO
- ◆ Each needle was previously injected with the same injection of another allergen. False positives due to use It is disposable to avoid consequences.

MEDBLUE FEATURES

- ◆ Medblue is a medical grade needle.
- ◆ The 1.1 mm length prevents puncture of the skin and bleeding.
- ◆ With the prismatic channel, the response in the epidermis is gradual and allows for a repeatable path.
- ◆ Each drop of allergenic extract produces a slight spin on the needle. It is inserted vertically by applying motion.
- ◆ It is economical and provides minimum allergen consumption.
- ◆ It does little damage to the skin.



**BFE & VFE
FILTRATION**



(28-30-33)



CORRECT



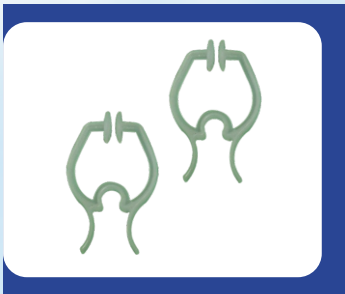
(28-30-33)





Sponsor:
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Assistant Medical Analysis Lab
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Gaziantep, First, 27060
Turkiye

Viral Filtration Efficiency (VFE) Final Report



Sponsor:
Huseyin Tuzcu
Assistant Medical Analysis Lab
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Bacterial Filtration Efficiency (BFE) Final Report



Results:

Test Article Number	Percent VFE (%)
1	>99.9 ^a
2	>99.9 ^a

There were no detected plaques on any of the Andersen sampler plates for this test article.

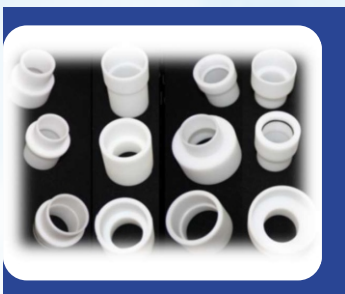
The filtration efficiency percentages were calculated using the following equation:

$$\% VFE = \frac{C - T}{C} \times 100$$

C = Positive control average

T = Plate count total recovered downstream of the test article

Note: The plate count total is available upon request



***MIR *Medisoft *Cosmed *Ganshom *Koko *Micromedical
*Legend Morgan *Vitalograph *Medical Graphics *Custo *Pulmalink
Zan Inspire Compatible Adapter Options For Devices**

SPIROMETRY FILTERS

Infection in hospitals negatively affects the health of patients and healthcare personnel. It also increases the costs as it causes the treatment time to be prolonged.

At the same time, the hospital infection rate, which is a quality indicator in health, affects the development of infection. Can be minimized by taking preventive measures.

Respiratory devices applied to patients during diagnosis and treatment, hospital infection known to play an important role in its development. Minimize infection caused by these devices. Bacteria - virus filters used in devices are of great importance in downloading.

Bacterial - Viral Mouthpiece Spirometer Filters

- ◆ Effective bacteria and virus filtration together,
- ◆ No pressure loss in respiratory flow and no external stable, unopenable, in order not to be affected by factors,
- ◆ Thanks to the ergonomic mouthpiece, adults and children for different sizes.
- ◆ Special design to prevent the patient's lips from slipping
- ◆ No more extra costs thanks to the mouthpiece design
- ◆ by European and US manufacturers and users
It was also accepted by Nelson Laboratories in Utah.
tested filtering tool,
- ◆ Compatible with all major lung function testers
- ◆ Fine and effective bacilli with aerosolization method.
bacterial protection efficacy even at administration; 99.9



APPLICATION

- 1- Take the filter out of its bag.
- 2- Plug it into the spirometer device.
- 3- Take a deep breath and filter the filter.
grasp it with your mouth
- 4- Breathe until the end of the filter.
blow into it.
- 5- For the correct test, 3rd and 4th
Repeat the items 3 times.

WARNING

Immediately before use
must be opened first.

It should be discarded after use.



MedBlue Allergy



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