

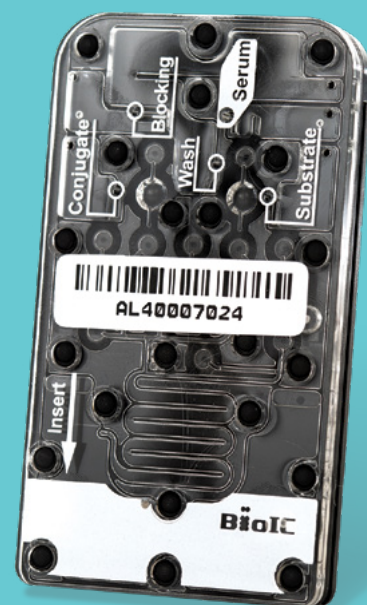


BioIC MAX Allergy Panel

for Allergy Diagnostics

Tailor made multiplex panel for Hong Kong and Macau

Product code: A7B



Region-Specific Allergen Selection

Clinically significant allergens are meticulously selected based on 10,000 real-world patient data collected from 100 hospitals and clinics in HK and Macau. To enhance clinical relevance, allergens selected are restricted to those with proven clinical importance and local occurrence.



Optimised Interpretation

The bilingual report incorporates publication-based interpretations to deliver reliable actionable insights. Our evidence-based allergen selection approach reduces complexity and enhances the clarity of the results, allowing healthcare professionals to diagnose with confidence.



Precision Diagnostics

This approach combines whole allergen extracts with component-resolved diagnostics (CRD) to enable comprehensive screening and accurate diagnosis.



Affordability without Compromise

Built for quality, priced for value

Innovative Microfluidics Chips Technology

Patented technology ensures high sensitivity and specificity using **minimal serum volume** (less than 2ml of whole blood).

Certified: ISO 13485, QMS (GMP), CE-IVD, China FDA, Taiwan FDA



BioIC Technology International Limited

BiolC MAX Allergy Panel

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A7B

Includes 71 specific IgE to allergens and total IgE

- 46 Whole Extracts**
For broad screening to identify reactions to a wide range of region-specific allergens.
- 24 Components**
For precise analysis to differentiate between cross-reactivity and genuine co-sensitization, assess the risk of severe reactions, and guide personalized treatment.

- 1 CCD**
For cross-reactivity assessment and to account for false positives.
- 1 total IgE**
For overall level of IgE antibodies.



Inhalant allergens

House dust mite

Scientific name	Allergen source	Code	Protein family
<i>Dermatophagoides pteronyssinus</i>	European house dust mite	Der p	-
<i>Dermatophagoides farinae</i>	American house dust mite	Der f	-
<i>Dermatophagoides pteronyssinus</i>	European house dust mite	Der p 23	Peritrophin-like
<i>Dermatophagoides pteronyssinus</i>	European house dust mite	Der p 20	Arginine kinase
<i>Dermatophagoides pteronyssinus</i>	European house dust mite	Der p 10	Tropomyosin

Storage mite

<i>Acarus siro</i>	<i>Acarus siro</i>	Aca s	-
<i>Blomia tropicalis</i>	<i>Blomia tropicalis</i>	Blo t	-
<i>Glycyphagus domesticus</i>	<i>Glycyphagus domesticus</i>	Gly d	-
<i>Lepidoglyphus destructor</i>	<i>Lepidoglyphus destructor</i>	Lep d	-
<i>Tyrophagus putrescentiae</i>	<i>Tyrophagus putrescentiae</i>	Tyr p	-

Cockroach

<i>Blatella germanica</i>	German cockroach	Bla g	-
<i>Periplaneta americana</i>	American cockroach	Per a	-

Yeast

<i>Malassezia spp</i>	<i>Malassezia spp</i>	Mala s	-
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Mould

Mould mix - *Cladosporium herbarum*, *Alternaria alternata*, *Aspergillus fumigatus*

Cat

<i>Felis domesticus</i>	Cat	Fel d	-
<i>Felis domesticus</i>	Cat	Fel d 1	Uteroglobulin
<i>Felis domesticus</i>	Cat	Fel d 2	Serum albumin



Dog

Scientific name

Allergen source

Code

Protein family

Canis familiaris
Canis familiaris
Canis familiaris

Dog
 Dog
 Dog

Can f
 Can f 5
 Can f 1

-
 Prostatic kallikrein
 Lipocalin



Pollens

Cynodon dactylon
Phleum pratense
Betula verrucosa
Betula verrucosa
Phoenix dactylifera
Parietaria judaica
Cryptomeria japonica

Bermuda grass
 Timothy
 Birch
 Birch
 Date palm
 Wall Pellitory
 Sugi / Japanese cedar

Cyn d
 Phl p
 Bet v
 Bet v 1
 Pho d 2
 Par j 2
 Cry j

-
 -
 -
 PR-10
 Profilin
 nsLTP
 -



Food allergens



Fish

Gadus morhua
Clupea harengus
Salmo salar
Cyprinus carpio
Scomber scombrus
Thunnus albacares
Xiphias gladius

Cod
 Herring
 Salmon
 Carp
 Mackerel
 Tuna
 Sword fish

Gad m
 Clu h
 Sal s
 Cyp c 1
 Sco s 1
 Thu a 1
 Xip g 1

-
 -
 -
 β-Parvalbumin
 β-Parvalbumin
 β-Parvalbumin
 β-Parvalbumin



Shellfish

Penaeus monodon
Ostrea edulis
Mytilus edulis
Homarus gammarus
Loligo spp.
Chionoecetes spp.

Tiger shrimp
 Oyster
 Mussel
 Lobster
 Squid
 Crab

Pen m
 Ost e
 Myt e
 Hom g
 Lol spp.
 Chi spp.

-
 -
 -
 -
 -
 -



Egg

Gallus domesticus
Gallus domesticus
Gallus domesticus
Gallus domesticus

Egg white
 Egg yolk
 Egg white
 Egg white

Egg white
 Egg yolk
 Gal d 1
 Gal d 2

-
 -
 Ovomucoid
 Ovalbumin



Cow's Milk

Bos domesticus
Bos domesticus
Bos domesticus
Bos domesticus

Milk
 Milk
 Milk
 Milk

Bos d 4
 Bos d 5
 Bos d 6
 Bos d 8

α-Lactalbumin
 β-Lactoglobulin
 Serum Albumin
 Casein



Legume

Glycine max
Arachis hypogea
Arachis hypogea

Soy
 Peanut
 Peanut

Gly m
 Ara h
 Ara h 2

-
 -
 2S Albumin



Tree nuts

Scientific name	Allergen source	Code	Protein family
<i>Juglans regia</i>	Walnut	Jug r	-
<i>Corylus avellana</i>	Hazel Nut	Cor a	-
<i>Pistacia vera</i>	Pistachio	Pis v	-
<i>Prunus dulcis</i>	Almond	Pru du	-
<i>Bertholletia excelsa</i>	Brasil nut	Ber e	-
<i>Anacardium occidentale</i>	Cashew	Ana o	-
<i>Anacardium occidentale</i>	Cashew	Ana o 3	2S Albumin



Vegetable

<i>Apium graveolens</i>	Celery	Api g	-
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Fruit

<i>Malus domestica</i>	Apple	Mel d	-
<i>Actinidia deliciosa</i>	Kiwi	Act d	-
<i>Cucumis melo</i>	Melon	Cuc m	-
<i>Prunus persica</i>	Peach	Pru p 3	nsLTP



Cereal

<i>Triticum aestivum</i>	Gluten	-	-
<i>Fagopyrum esculentum</i>	Buckwheat	Fag e	-
<i>Triticum aestivum</i>	Wheat flour	Tri a	-
<i>Triticum aestivum</i>	Wheat flour	Tri a 19	Omega-5 gliadin



Seed

<i>Sesamum indicum</i>	Sesame	Ses i	-
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CCD

A cross-reactive carbohydrate determinants present in plants and insects that may lead to false-positive results.

Adding CCD marker instead of performing CCD inhibition may avoid lowering the sensitivity of the panel, given the very low CCD prevalence in HK and Macau.



Total IgE

Low level of total IgE and negative specific IgE for tested allergens may identify true negative sensitization.

