



## Cell Science Systems | Alcat Europe

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### Fee Schedule

- **Alcat Test** Panel Options / Pricing
- **GenomicInsights** / Methy Detox Panel
- **CICA**: Celiac, IBS, and Crohn's Array Panels

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### Alcat Test Panel Contents

- **Alcat Test Food Panel** / Basic Tests
- **Alcat Advanced** / specialized panel options to configure a comprehensive panel

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**ALCATTEST**

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## Alcat Test Cell mediated Food/Chemical Sensitivity

### Comprehensive Profiles

The most frequently requested combinations by our healthcare providers; cost per determination net € 1,50 + € 50 laboratory fee

|                                                                               |              |                                                                                                                                  |              |                                                                                                                                                                |              |
|-------------------------------------------------------------------------------|--------------|----------------------------------------------------------------------------------------------------------------------------------|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| <b>Basic 1</b>                                                                | <b>€ 285</b> | <b>Metabolic Profile 1</b>                                                                                                       | <b>€ 555</b> | <b>Comprehensive Profile 1</b>                                                                                                                                 | <b>€ 725</b> |
| 100 foods   ALCAT 100                                                         |              | 245 items   ALCAT 200; Chem 1<br>Recommended for patients suffering from digestive, skin or respiratory conditions; weight loss: |              | 315 items   ALCAT 200; Chem 1; Phyto Basis; Myk<br>A comprehensive multifunctional scan, large selection & flexibility. For health, vitality and ideal weight: |              |
| <b>Basic 2</b>                                                                | <b>€ 380</b> | <b>Metabolic Profile 2</b>                                                                                                       | <b>€ 599</b> | <b>Comprehensive Profile 2</b>                                                                                                                                 | <b>€ 999</b> |
| 145/150 items   ALCAT 100; Chem 1 <u>or</u> Phyto Basis<br>Covers basic needs |              | 265/263 items   ALCAT 150; Chem 1 and 2; Myk <u>or</u> Pha<br>Recommendation especially with skin or respiratory problems        |              | 483 items   ALCAT 250; Chem 1 & 2; Phyto comprehensive <u>or</u> Phyto Fem-meno; Myk; Pha<br>Expanded Comprehensive Profile 1                                  |              |

|                               |                                                |              |                               |                                                                                          |              |                                                                          |              |
|-------------------------------|------------------------------------------------|--------------|-------------------------------|------------------------------------------------------------------------------------------|--------------|--------------------------------------------------------------------------|--------------|
| <b>ALCATTEST Combinations</b> | <b>Alcat Basic → Food Panel</b>                |              | <b>ADD (+) Expanded Panel</b> | <b>Alcat Advanced → ADD expanded panel</b>   without Food Panel € 75 lab fee in addition |              |                                                                          |              |
|                               | <b>Alcat100</b>   100 foods                    | <b>€ 295</b> |                               | <b>Chem 1</b><br>45 chemicals: additives, pharmaceuticals etc.                           | <b>€ 120</b> | <b>Phyto Basis</b><br>50 medicinal herbs / SuperFoods                    | <b>€ 135</b> |
|                               | <b>Alcat 150</b>   150 foods                   | <b>€ 380</b> |                               | <b>Chem 2</b><br>50 chemicals: colorings, additives etc.                                 | <b>€ 135</b> | <b>Phyto Comprehensive</b><br>100 items (Phyto basis + 50 fitness items) | <b>€ 250</b> |
|                               | <b>Alcat200</b>   200 foods / <u>or</u> veggie | <b>€ 450</b> |                               | <b>Chem Comprehensive</b><br>95 items; Chem 1 & 2                                        | <b>€ 240</b> | <b>Phyto FEM-Meno</b><br>100 items (Phyto basis + 50 female herbs)       | <b>€ 250</b> |
|                               | <b>Alcat250</b>   250 foods                    | <b>€ 499</b> |                               | <b>Pha</b>   18 biogenic amines / phyto chemicals                                        | <b>€ 50</b>  | <b>Myk</b>   20 molds                                                    | <b>€ 60</b>  |

Food panel incl. gluten, gliadin, grains (gluten and gluten alternatives), soy, egg, yeast, casein, different milks, Candida albicans; incl. customized 4-day rotational concept

## GenomicInsights

### Methyl Detox Profile → Genetic Test | swab collection

**€ 399**

#### Tested Genes\*:

**MTHFR** (Methylenetetrahydrofolate Reductase), SNPs: C677T, A1298C / **MTR** (5- Methylenetetrahydrofolate-Homocysteine Methyltransferase); SNPs: c. C3518T, A2756G / **COMT** (Catechol-O-Methyltransferase); SNPs: G472A, G304A / **MTRR** (Methionine Synthase Reductase ); SNP: A66G / **AHCY** (Adenosylhomocysteinase); SNPs: C112T, G367A and g.G32878481C

\*These genetic variations are associated with elevated homocysteine levels, impaired methylation processes and limited detoxification capacity which may be linked to accelerated aging, cardiovascular disease and neurodegenerative disorders, impaired gene regulation, poor drug and chemical clearance and impaired neurotransmitter metabolism.

## Celiac, IBS, and Crohn's Array (CICA)

### Gut Health Profile → Genetic • Antibody • Cellular | whole blood; serum

|                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                             |              |                                                                              |              |                                                                                            |                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|------------------------------------------------------------------------------|--------------|--------------------------------------------------------------------------------------------|----------------|
| <b>Integrated GI Marker</b>                                                                                                                                                                                                                                               | <b>1) GENETIC:</b> HLA typing for celiac disease: HLA-DQ2.5 and HLA-DQ8; Genetic Markers for Crohn's: ATG16L1 - T300A and NOD2 - L1007fsinsC, R702W, G908R<br><b>2) ANTIBODY:</b> Total Serum IgA, tTG (IgA and IgG), DGP (IgA and IgG) & Anti-Saccharomyces Cerevisiae Antibody (ASCA)<br><b>3) CELLULAR:</b> <b>Alcat Test → VARIABLE</b> |              |                                                                              |              |                                                                                            |                |
|                                                                                                                                                                                                                                                                           | <b>CICA Basic</b>                                                                                                                                                                                                                                                                                                                           | <b>€ 599</b> | <b>CICA Diet Screening</b>                                                   | <b>€ 849</b> | <b>CICA Comprehensive II</b>                                                               | <b>€ 1.299</b> |
|                                                                                                                                                                                                                                                                           | The cellular assay is performed on 19 items containing gluten and gluten-free alternatives                                                                                                                                                                                                                                                  |              | The cellular assay is performed with <b>Alcat250</b> (see above, Food Panel) |              | The cellular assay is performed with <b>COMPREHENSIVE PROFILE 2</b> (see above, 483 items) |                |
| <i>Immune-Digestive-Analysis from <b>multiple perspectives</b>: Information (no diagnosis) regarding non-celiac gluten sensitivity, Celiac disease (risk assessment), IBS, Crohn's disease and potential comorbidities such as skin problems, diabetes, autoimmunity)</i> |                                                                                                                                                                                                                                                                                                                                             |              |                                                                              |              |                                                                                            |                |

Shipping fee/package (overnight courier): EU €39.50; Europe (non-EU) €49,50 (e.g. Switzerland); outside Europe please inquire → GREEN SAVINGS: 4-5 tests can be shipped in 1 bag  
 Pre-Payment: results; Credit card, bank wire | Price incl. testkit, test results (laboratory analysis, guidance notes, rotational concept, foods to avoid list)

# Alcat Test Panel Contents



~ 500 test substances and flexible test profiles

## Alcat Basic - Food Panel

|                                           | ALCAT 100<br>100 food panel                                                                                                                                                                                                                                   | ALCAT 150<br>150 items / Alcat100 + 50                                                                                       | ALCAT 200<br>200 items / Alcat150 + 50                                                                                                   | ALCAT 250<br>250 items / Alcat200 + 50                                                                                                                                                                                                                                                     |
|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Vegetables</b>                         | asparagus, avocado, bell pepper mix, broccoli, brussels sprouts, cabbage, carrot, cauliflower, celery, cucumber, eggplant, green pea, lettuce, mushrooms, olive, onion, pinto bean, spinach, squash, string bean, soybean, sweet potato, tomato, white potato | artichoke, beet, black-eyed pea, chick pea, kidney bean, lentil bean, lima bean, navy bean, pumpkin, radish, tapioca, turnip | acorn squash, bok choy, endive, fava bean, fennel, kale, leek, mung bean, okra, parsnip, romaine lettuce, swiss chard, zucchini          | adzuki bean, arugula, bear's garlic, black bean, boston bibb lettuce, butternut squash, cannellini bean, capers, chestnut, chicory, collard greens, escarole, grape leaf, leaf lettuce, lupini bean, mustard greens, savoy cabbage, shallot, shiitake mushroom, scallion, spaghetti squash |
| <b>Fruit</b>                              | apple, banana, blueberry, cantaloupe, cherry, cranberry, grape, grapefruit, lemon, lime, orange, peach, pear, pineapple, plum, strawberry, watermelon                                                                                                         | apricot, blackberry, date, fig, honeydew (melon), kiwi, mango, papaya, raspberry                                             | black currant, nectarine, pomegranate, rhubarb                                                                                           | guave, lychee, persimmon, star fruit, tangerine                                                                                                                                                                                                                                            |
| <b>Sea/Fish</b>                           | clam, codfish, crab, halibut, lobster, salmon, scallop, shrimp, snapper, sole, tuna                                                                                                                                                                           | bass, haddock, herring, oyster, sardine, tilapia, trout                                                                      | anchovies, catfish, crayfish, flounder, mackerel, mussel, squid, swordfish, whitefish                                                    | carp, mahi-mahi                                                                                                                                                                                                                                                                            |
| <b>Meat</b>                               | beef, chicken, lamb, pork, rabbit, turkey                                                                                                                                                                                                                     | duck, veal                                                                                                                   | beef liver, pheasant, quail, venison                                                                                                     | chicken liver, goose                                                                                                                                                                                                                                                                       |
| <b>Nuts</b>                               | almond, cashew, cocoa, coconut, peanut, pecan                                                                                                                                                                                                                 | hazelnut, pistachio, walnut                                                                                                  | brazil nut, macadamia, pine nut                                                                                                          | bitter almond                                                                                                                                                                                                                                                                              |
| <b>Spices/Herbs/Other</b>                 | basil, black pepper, cinnamon, coffee, garlic, ginger, green tea, mustard, oregano, parsley, tea, vanilla                                                                                                                                                     | bay leaf, caraway, cayenne pepper, clove, cumin, dill mix, mint, nutmeg, paprika, safflower, sage, sunflower, thyme          | anise seed, cardamom, chamomile, chili pepper, coriander, curry, jalapeno pepper, kelp, liquorice, rosemary, saffron, tarragon, turmeric | arrow root, canola oil, chives, cilantro, hemp, horseradish, nutritional yeast, seaweed wakame, taro, water chestnut, yam                                                                                                                                                                  |
| <b>Candida albicans/<sup>1</sup>Sugar</b> | baker's yeast, brewer's yeast, candida albicans, cane sugar, carob, fructose (HFCS), honey, hops                                                                                                                                                              | beet sugar, malt                                                                                                             | maple syrup                                                                                                                              | molasses, nutritional yeast                                                                                                                                                                                                                                                                |
| <b>Gluten/Grains</b>                      | barley, corn, gliadin, gluten, millet, oat, rice, rye, sesame, wheat                                                                                                                                                                                          | buckwheat, flaxseed                                                                                                          | quinoa, spelt                                                                                                                            | amaranth seed, brown rice, chia, teff, semolina, sorghum, wild rice                                                                                                                                                                                                                        |
| <b>Milk/Lactose/Egg</b>                   | casein, cow's milk, egg white, egg yolk, goat's milk, whey                                                                                                                                                                                                    |                                                                                                                              | sheep's milk                                                                                                                             |                                                                                                                                                                                                                                                                                            |

## Alcat Basic - 200 Veggie

|                                            | Alcat Basic<br>vegetarian option                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 200 vegetarian foods (no fish/meat) |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|
| <b>Vegetables</b>                          | acorn squash, adzuki bean, asparagus, avocado, bay leaf, beet, bell pepper mix, black beans, black-eyed pea, bok choy, boston bibb lettuce, broccoli, brussels sprouts, butternut squash, cabbage, cannellini bean, caper, carrot, cauliflower, celery, chick pea, chicory, chili pepper, chives, cilantro, collard greens, cucumber, eggplant, endive, escarole, fava bean, garlic, green pea, horseradish, iceberg lettuce, kale, kidney bean, leaf lettuce, leek, lentil bean, lima bean, mung bean, mushroom, mustard green, navy bean, okra, olive, onion, parsnip, pinto bean, portobello mushroom, pumpkin, radish, romaine lettuce, scallions, shallots, shitake mushroom, spaghetti squash, spinach, string bean, sweet potato, swiss chard, tomato, turnip, white potato, yam, yellow squash, zucchini squash |                                     |
| <b>Fruit</b>                               | apple, apricot, arugula, banana, black currant, blackberry, blueberry, cantaloupe, cherry, cranberry, fig, grape, grapefruit, guava, honeydew (melon), kiwi, lemon, lime, lychees, mango, mulberry, nectarine, orange, papaya, peach, pear, pineapple, plum, pomegranate, raspberry, rhubarb, star fruit, strawberry, tangerine, watermelon                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                     |
| <b>Nuts</b>                                | almond, brazil nut, cashew, cocoa, coconut, flaxseed, hazelnut, macadamia, peanut, pecan, pine nut, pistachio, safflower, sunflower, walnut                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                     |
| <b>Spices/Herbs/Other</b>                  | basil, black pepper, caraway, cardamom, cayenne pepper, chamomile, cinnamon, clove, coffee, coriander, cumin, curry, dandelion leaf, date, dill mix, fennel seed, ginger, hemp, jalapeno pepper, kelp, liquorice, mint, mustard, nutmeg, oregano, paprika, parsley, persimmon, psyllium, rosemary, saffron, sage, seaweed wakame, spearmint, tarragon, tea, thyme, turmeric, vanilla, water chestnut, watercress                                                                                                                                                                                                                                                                                                                                                                                                        |                                     |
| <b>Candida albicans/<sup>1</sup>Sugar</b>  | carob, baker's yeast, brewer's yeast, Candida albicans, cane sugar, fructose (HFCS), honey, maple sirup, molasses, nutritional yeast                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                     |
| <b>Gluten/Grains (gluten alternatives)</b> | arrow root, barley, buckwheat, chia, corn, gliadin, gluten, hops, malt, millet, oat, quinoa, rice, rye, sesame, sorghum, soybean, spelt, tapioca, taro, teff, wheat, wild rice                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                     |
| <b>Milk/Lactose/Egg</b>                    | casein, cow's milk, egg white, egg yolk, goat's milk, lactose, sheep's milk, whey                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                     |

<sup>1</sup>Further sugars and/or sugar alternatives in **Phyto Basis**: agave, bee pollen, stevia or **Chem 1/2**: aspartame, saccharine, xylitol, erythritol, invert sugar, malic acid a.o.;



# Alcat Advanced

➔ Alcat Advanced; Expanded specialized panel options to configure a comprehensive panel

## Phytoceutical Panel | Medicinal Herbs and SuperFoods; tea, medicines, nutritional supplements etc.

|                               | Phyto Basis<br>50 phytoceuticals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Phyto Comprehensive<br>Phyto Basic + 50 fitness items                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Phyto Fem<br>Phyto Basic + 50 items women                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Medicinal Herbs<br>SuperFoods | acai berry, agave, aloe vera, ashwagandha, astragalus, barley grass, bee pollen, bilberry, black nut, cascara, chlorella, cottonseed, dandelion, echinacea, essiac, feverfew, ginko biloba, goji berry, goldenseal, grape seed extract, gurana seed, gymnema sylvestre, hawthorn berry, huperzine, kava kava, lutein, maitake mushroom, mangosteen, milk thistle, mullein leaf, noni berry, pau d'arco bark, pine bark, red clover seeds, red yeast rice, reishi mushroom, resveratrol, rhodiola, rooibos tea, schizandra berry, senna, spirulina, st. john wort, stevia leaf, valerian, vinpocetine, watercress, wheatgrass, wormwood, yellow dock | alfalfa, american ginseng, blue green algae, burdock, butcher's broom, calendula, cat's claw, catuaba, chaparral, chondroitin, cnidium monnieri, damiana, deer antler velvet, dong quai, elderberry, elderflower, eucalyptus, fo-ti root, glucosamine, goldenrod, gotu kola, horny goat weed, juniper berry, korean ginseng, lobelia, lo han guo, lycopen, maca root, mistletoe, mucuna pruriens, muria puama, myrrh, nettle leaf, pumpkin seed, pygeum bark, rehmannia, rose petal, sarsaparilla, saw palmetto, sea buckthorn, funegreek, siberian ginseng, skull cap, stinging nettle root, sweet woodruff, tribulus terrestris, uva ursi, yarrow, yerba mate, yohimbe bark | alfalfa leaf, arnica, black cohosh, blessed thistle, blue cohosh, boswellia, buchu leaf, bupleurum, burdock, butcher's broom, calendula, cat's claw, chaparral root, chaste berry, cramp bark, damiana, dong quai, evening primrose, false unicorn, fo-ti root, gotu kola, horse chestnut, horsetail, irish moos, juniper berry, korean ginseng, lavender, lemon balm, lobelia, maca root, marshmallow root, mistletoe, motherwort, myrrh, nettle leaf, pennyroyal, peony root, red clover flower, red raspberry leaf, rehmannia root, sarsaparilla, siberian ginseng, skull cap, slippery elm, squaw vine, uva ursi, white willow bark, wild yam root, yarrow, yerba mate |

## Chemical Panel | in industrial food, cosmetics, detergents, textiles, medicines etc.

| Chem 1<br>Basic option   45 items | Colourings                                                                                                                                                                                   | Preservatives / Environmental Chemicals<br>Alternative Sugar / Other                                                                                                                                                                                                                         | Antibiotics / Anti-Inflammatories                                                                                                                                                                                                                                                                  |
|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                   | annato yellow/orange (E160b), blue#1 (E133), blue#2 (E132), brilliant black (E151), lissamine (E142), red#3 erythrosine b (E127), red#40 (E129), yellow#5 tartrazine (E102), yellow#6 (E110) | ammonium chloride, aspartame (E951), benzoic acid (E210), chlorine, deltamethrine, ethylene glycol, fluoride, monosodium glutamate (MSG, E621), nickel sulfate, orris root, polysorbate 80 (E433), saccharine (E954), sodium metabisulfite (E223), sodium sulfite (E221), sorbic acid (E200) | acetaminophen, acetylsalicylic acid (aspirin), amoxiclin, ampicilin, clinoril, diclofenac (voltaren), diflunisal, flurbiprofen, gentamicin, ibuprofen, indometacin, ketoprofen, naproxen, neomycin, nystatine, penicillamine, penicilline, piroxicam, streptomycin, sulfamethoxazole, tetracycline |

| Chem 2<br>E-Number panel   50 items | Colourings                                                                                                                                                       | Preservatives / Flavour Enhancer<br>Expanded Additives                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Food Additives / Alternative Sugar                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                     | acid blue#3 (E131), beta-carotene (E160a), carmine (cochineal) (E120), camoisine red#5 (E122), quinoline yellow (E104), red#2 amaranth (E123), Ponceau 6R (E126) | acacia gum (E414), adipic acid (E355), ascorbic acid (E300), BHA (E320), BHT (E321), calcium phosphate (E341), citric acid (E330), EDTA (E385), fumaric acid (E297), lactic acid (E270), lecithin (E322), magnesium phosphate (E343), malic acid (E296), methenamine (E239), phosphoric acid (E338), potassium phosphate PM (E340), potassium sorbate (E202), potassium tartrate (E336), sodium acetate (E262), sodium benzoate (E211), sodium lactate (E325), sodium propionate (E281), succinic acid (E363) | alum, cyclodextrin (E459), d-lactitol (E966), erythritol (E968), glycerol (E422), hexylresorcinol (E586), invert sugar (E1103), isomalt (E953), lysozyme (E1105), mannitol (E421), methyl anthranilate, potassium hydroxide (E525), polydextrose (E1200), sodium bisulfate (E514), sodium cyclamate (E952), sodium pyrophosphate (E450c), sodium triphosphate (E451), sorbitol (E420), sucralose (E955), xylitol (E967) |

+ Glyphosate (individual substance on request)

## Moulds

| MYK<br>20/21 mods | Moulds found in food (grains), house, garden, nature etc.                                                                                                                                                                                                                                                                                                                                 |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                   | Acrononium strictum, Alternaria, Aspergillus, Aureobasidium pullulans, Botrytis, (Candida albicans), Cladosporium herbarum, Cladosporium sphaerospermum, Curvularia, Epicoccum nigrum, Fusarium oxysporum, Geotrichum candidum, Helminthosporium, Monilia sitophila, Mucor racemosus, Penicillium, Phoma destructiva, Rhizopus stolonifer, Rhodotorula rubra, Spondylocadium, Trichoderma |

## Biogenic Amines

| PHA<br>18 items | Phytochemicals & pharmacoactive agents; chocolate, cheese, red wine etc.                                                                                                                      |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                 | aflatoxin, caffeic acid, chlorogenic acid, coumarin, dopamine, gallic acid, histamine, nicotine, octopamine, phenylalanin, phenylethylamin, piperonal, rutin, serotonin, tryptophan, tyramine |

Pediatric Profiles 1 & 2 available on request | recommended for children 3 and under