



Cell Science Systems | Alcat Europe

Fee Schedule

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

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

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

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

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

Integrated GI Marker	1) GENETIC: HLA typing for celiac disease: HLA-DQ2.5 and HLA-DQ8; Genetic Markers for Crohn's: ATG16L1 - T300A and NOD2 - L1007fsinsC, R702W, G908R 2) ANTIBODY: Total Serum IgA, tTG (IgA and IgG), DGP (IgA and IgG) & Anti-Saccharomyces Cerevisiae Antibody (ASCA) 3) CELLULAR: Alcat Test → VARIABLE:					
	CICA Basic	€ 599	CICA Diet Screening	€ 849	CICA Comprehensive II	€ 1.299
	The cellular assay is performed on 19 items containing gluten and gluten-free alternatives		The cellular assay is performed with Alcat250 (see above, Food Panel)		The cellular assay is performed with COMPREHENSIVE PROFILE 2 (see above, 483 items)	
	<i>Immune-Digestive-Analysis from multiple perspectives: 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 100 100 food panel	ALCAT 150 150 items / Alcat100 + 50	ALCAT 200 200 items / Alcat150 + 50	ALCAT 250 250 items / Alcat200 + 50
Vegetables	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
Fruit	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
Sea/Fish	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
Meat	beef, chicken, lamb, pork, rabbit, turkey	duck, veal	beef liver, pheasant, quail, venison	chicken liver, goose
Nuts	almond, cashew, cocoa, coconut, peanut, pecan	hazelnut, pistachio, walnut	brazil nut, macadamia, pine nut	bitter almond
Spices/Herbs/Other	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
Candida albicans/¹Sugar	baker's yeast, brewer's yeast, candida albicans, cane sugar, carob, fructose (HFCS), honey, hops	beet sugar, malt	maple syrup	molasses, nutritional yeast
Gluten/Grains	barley, corn, gliadin, gluten, millet, oat, rice, rye, sesame, wheat	buckwheat, flaxseed	quinoa, spelt	amaranth seed, brown rice, chia, teff, semolina, sorghum, wild rice
Milk/Lactose/Egg	casein, cow's milk, egg white, egg yolk, goat's milk, whey		sheep's milk	

Alcat Basic - 200 Veggie

	Alcat Basic vegetarian option	200 vegetarian foods (no fish/meat)
Vegetables	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	
Fruit	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	
Nuts	almond, brazil nut, cashew, cocoa, coconut, flaxseed, hazelnut, macadamia, peanut, pecan, pine nut, pistachio, safflower, sunflower, walnut	
Spices/Herbs/Other	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	
Candida albicans/¹Sugar	carob, baker's yeast, brewer's yeast, Candida albicans, cane sugar, fructose (HFCS), honey, maple sirup, molasses, nutritional yeast	
Gluten/Grains (gluten alternatives)	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	
Milk/Lactose/Egg	casein, cow's milk, egg white, egg yolk, goat's milk, lactose, sheep's milk, whey	

¹Further 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.

Medicinal Herbs SuperFoods	Phyto Basis 50 phytoceuticals	Phyto Comprehensive Phyto Basic + 50 fitness items	Phyto Fem Phyto Basic + 50 items women
		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, lycopene, 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

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

Chem 1 Basic option 45 items	Colourings	Preservatives / Environmental Chemicals 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)

Chem 2 E-Number panel 50 items	Colourings	Preservatives / Flavour Enhancer 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)

+ Glyphosate (individual substance on request)

Moulds

MYK 20/21 mods	Molds found in food (grains), house, garden, nature etc.
	Acromonium 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, Spondylocladium, Trichoderma

Biogenic Amines

PHA 18 items	Phytochemicals & pharmacoactive agents; chocolate, cheese, red wine etc.
	afatoxin, 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